X SAFETY DATA SHEET

Date: 13.6.2024 **Former date:** -

1	Product identifier	
	Trade name	Saunia Sauna Scent 500 ml Honey&herbs
	Company product code	-
	UFI Number	1XXV-04E8-EJ85-YQWV
.2	Relevant identified uses of the	substance or mixture and adviced against
	The ware of the chemical	0
	The uses of the chemical	Sauna scent
	Classification of economic activities	20.5 C 3 Manufacture of other chemical products
	Use categories (UC62)	36 Fragrances
	The chemical can be used by th	ne general public
	The chemical is used by the ge	neral public only X
1.3	Details of the supplier of the sa	fety data sheet
	Manufacturer, importer, other undertaking Manufactured for: Nikkarien OY	
	Street address	Sarkatie 2
	Post code and post office	01720 Vantaa
	Post-office box	
	Post code and post office	
	Telephone	+358 9 477 0150
	e-mail address	info@nikkarien.fi
	Finnish Business ID (Y-code)	FI05731312
1.4	Emergency telephone number	
	Poison Information Centre: Haart	maninkatu 4, 00290 Helsinki, 09-4711 or 09-471977
SECTI	ON 2: HAZARDS IDENTIFICATION	
2.1	Classification of the substance	
		nt amounts of classified ingredients.
2.2	Label elements	
2.3	Other howards	
Z5	Other hazards	

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS				
3.1 Hazardous ingredients				
CAS/EC number and Name of the the registration ingredient number				
-	-	-	-	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water and soap. Take off soiled clothing.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO ${\sf A}$

UNCONSCIOUS PERSON. Contact a physician or poison information centre.

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

4.2	Most important symptoms and effects, both acute and delayed
	•
4.3	Indication of any immediate medical attention and special treatment needed
	-
SECTI	ON 5: FIREFIGHTING MEASURES
5.1	Extinguishing media
	Powder, foam or carbon dioxide.
5.2	Special hazards arising from the substance or mixture
	•
5.3	Advice for firefighters
	-
SECTI	ON 6: ACCIDENTAL RELEASE MEASURES
6.1	Personal precautions, protective equipment and emergency procedures
	Use appropriate protective clothing. Arrange for adequate ventilation.
6.2	Environmental precautions
	•
6.3	Methods and material for containment and cleaning up
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.
6.4	Reference to other sections

SECTION 7: HANDLING AND STORAGE		
7.1	Precautions for safe handling	
	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.	
7.2	Conditions for safe storage, including any incompatibilities	
	Tightly closed in cool, well ventilated room.	
7.3	Specific end use(s)	

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

-

Other limit values

•

DNEL

-

PNEC

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

-

Thermal hazards

_

Environmental exposure controls

_

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
Information on basic physical and chemical properties		
Appearance	Liquid, orange	
Odour	Characteristic	
Odour threshold	-	
рН	-	
Melting point / freezing point	appr. 0°C	
Initial boiling point and boiling range	100°C	
Flash point	-	
Evaporation rate	-	
Flammability (solid, gas)	-	
Upper / lower flammability or explosive limits	-	
Vapour pressure	-	
Vapour density	-	
Relative density	-	
Solubility(ies)	Dissolves in water, oil phase separates to surface.	
Partition coefficient: n-octanol/water	-	
Auto-ignition temperature	-	
Decomposition temperature	-	
Viscosity	-	
Explosive properties	-	
Oxidising properties	-	

9.2 Other information

-

SECTIO	SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity		
	-		
10.2	Chemical stability		
	Stabile under normal handling conditions.		
10.3	Possibility of hazardous reactions		
	-		
10.4	Conditions to avoid		
	-		
10.5	Incompatible materials		
	-		
10.6	Hazardous decomposition products		

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

Skin corrosion / irritation

-

Serious eye damage / irritation

_

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

-

STOT-repeated exposure

-

Aspiration hazard

-

Other information

-

SECTION 12: ECOLOGICAL INFORMATION	
12.1	Toxicity
	-
12.2	Persistence and degradability
	-
12.3	Bioaccumulative potential
	-
12.4	Mobility in soil
	-
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose according to local legislation.

SECTIO	N 14: TRANSPORT INFORMATION
14.1	UN number
	•
14.2	UN proper shipping name
	-
14.3	Transport hazard class(es)
	-
14.4	Packing group
	-
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	•

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

-

15.2 Chemical safety assessment

-

SECTION 16: OTHER INFORMATION

Changes to previous version

New material safety data sheet.

Explanation of abbreviations

_

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

-

Training of employees.

-

Saunia Paraffin Oil Date: 15.9.2021 Previous date: 22.3.2012

page 1(8)

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Saunia Paraffin oil
UFI-code: G141-Y03R-H00K-QWKK

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Wood preservation indoors

Uses advised against: -

1.3. Details of the Supplier of the safety data sheet

Supplier (manufacturer/importer/only Nikkarien Oy representative/downstream VAT: FI05731312

user/distributor)

Street address: Teollisuustie 6, halli 8,

02880 Veikkola

Finland

Telephone number: +358 9 477 0150 e-mail: info@nikkarien.fi

1.4 Emergency telephone number

Poison information center 0800 147 111

Open 24 h

2. Hazards identification

2.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Does not contain significant concentrations of substances classified as harmful.

2.2: Labelling according to Regulation (EC) No 1272/2008 [CLP]

N/A

2.3 Other hazards:

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

CAS No	% (w/w)	Substance name	Classification according to Regulation (EC) No 1278/2008 (CLP)	SCL/M- factor/ATE
8042-47-5	100%	Paraffin oil	•	LD_{50} : >5000 $^{mg}/_{kg}$ (oral, rat) LD_{50} : >5 $^{mg}/_{l}$ /4h (inhaled, rat)

page 2(8)

Saunia Paraffin Oil Date: 15.9.2021 Previous date: 22.3.2012

		LD_{50} : >2000 $^{mg}/_{kg}$ (skin, rabbit)
--	--	--

4. First aid measures 4.1 Description of first aid measures Move person to fresh air and hold Following inhalation: in a resting position where it is easy to breathe. IF CHEMICAL CONTACTS SKIN: Wash with plenty of Following skin contact: water and soap. Remove and wash contaminated clothing before reuse. IF CHEMICAL CONTACTS EYES: Rinse thoroughly with Following eye contact: water for several minutes. Remove contact lenses if you can do so easily. Continue rinsing. If eye irritation persists: See a doctor. IF CHEMICAL IS SWALLOWED: Rinse mouth, drink Following ingestion: plenty of water. DO NOT DRINK ANYTHING TO AN UNCONSCIOUS. Don't throw up. Contact a POISON INFORMATION CENTER/doctor Ensia Self-protection of the first aider: 4.2 Most important symptoms and effects, both acute and delayed 4.3 Indication of any immediate medical attention and special treatment needed 5. Firefighting measures 5.1 Extinguishing media Powder, foam or carbon dioxide. Suitable extinguishing media: Unsuitable extinguishing media: 5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Combustible.

Powder, foam or carbon dioxide.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

6.2 Environmental precautions	
6.1.2 For emergency responders	-
Emergency procedures:	Ventilate.
Protective equipment:	Wash hands thoroughly.

page 3(8) Saunia Paraffin Oil Date: 15.9.2021 Previous date: 22.3.2012

Prevent large quantities from entering the drain.

6.3 Methods and material for containment and cleaning up

Absorb the spilled product in, for example, sand.

6.4 Reference to other sections

7. Handling and storage	
7.1 Precautions for safe handling	
Measures to prevent fire	-
Measures to protect the environment	-
Advice on general occupational hygiene	Take care of good ventilation. No smoking.
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions	Store tightly closed at room temperature.
Packaging materials	Store only in the original packaging.
Requirements for storage rooms and vessels.	Store tightly closed at room temperature.
Further information on storage conditions	-
7.3 Specific end use(s)	
Recommendations:	-
Industrial sector specific solutions:	-

8. Exposure controls/personal protection

8.1 Control parameters

DNEL

Substance	CAS	DNEL
Paraffin oil	8042-47-5	35 ^{mg} / _m ³ inhaled
		93 ^{mg} / _{kg} per body weight on skin
		40 ^{mg} / _{kg} per body weight ingested

PNEC

Environmental protection target	Avoid releasing large quantities into waterways.	
Sediments	-	
Food chain	-	
Micro-organisms in sewage treatment	-	
Soil	Avoid releasing large amounts into the soil.	
Air	-	

8.2 Exposure controls

8.2.1 Appropriate engineering controls:	Take care of good ventilation. Wash hands	
	thoroughly after handling.	

page 4(8) Saunia Paraffin Oil Date: 15.9.2021 Previous date: 22.3.2012

8.2.2 Personal protection equipment:	
8.2.2.1 Eye and face protection	Use safety glasses or face protection, for example according to standard EN166.
8.2.2.2 Skin protection:	Recommended protective glove materials: NBR
Hand protection:	rubber. Replace protective gloves when signs of wear are observed.
Other skin protection	Wear impervious protective clothing.
8.2.2.3 Respiratory protection	If the ventilation is not sufficient, use a respirator (EN 143).
8.2.2.4 Thermal hazards	-
8.2.3 Environmental exposure controls:	

8.2.3 Environmental exposure controls:

Substance/mixture related measures to prevent exposure:

Avoid releasing large amounts into water / soil.

Instruction measures to prevent exposure: Organisational measures to prevent exposure:

Technical measures to prevent exposure:

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties		
Physical state	Liquid	
Colour	Colourless	
Odour	Odourless	
Melting /freezing point	N/A.	
Boiling point or initial boiling point and boiling range	218-800 °C	
Lower and upper explosion limit	N/A.	
Flash point	> 170 °C	
Auto-ignition temperature	N/A.	
рН	N/A.	
Kinematic viscosity mm2/s	62-75 mm ² / _s (4	40°C)
Solubility	Insoluble in v	vater. Soluble in alcohols.
Vapour pressure	< 0,01 hPa (2	0°C)
Density and/or relative density	0,86-0,88 ^g /cr	^{n³} (15°C)
Relative vapour density	N/A.	
9.2 Other information		
9.2.1. Information with regard to phy	rsical hazard	Temperature class (EU, ATEX): T3
9.2.2. Other safety characteristics		-

page 5(8) Saunia Paraffin Oil Date: 15.9.2021 Previous date: 22.3.2012

10. Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

Under normal conditions, when used and stored according to the instructions in its original packaging, the product is chemically stable.

10.3 Possibility of hazardous reactions

No known dangerous reactions.

10.4 Possib Conditions to avoid

Avoid hot conditions and hot surfaces, sparks and open flames. No smoking.

10.5 Incompatible materials

Oxidizers.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

11. Myrkyllisyyteen liittyvät tiedot

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/20	11.1.	Information of	n hazard classes a	as defined in R	Regulation (F	C) No 127	2/200
--	-------	----------------	--------------------	-----------------	---------------	-----------	-------

Acute toxicity	Not classified
Skin corrosion/irritation	N/A
Serious eye damage/irritation;	N/A
Respiratory or skin sensitisation;	N/A
Germ cell mutagenicity	N/A
Carcinogenicity	N/A
Reproductive toxicity	N/A
STOT-repeated/single exposure	No mutagenic, carcinogenic or toxic effects.
Aspiration hazard.	No aspiration hazard.
12 Ecological information	

N/A

12. Ecological information

12.1 Toxicity

LL ₅₀ : >10 000 ^{mg/} _I (96 h) Leuciscus Idus
LL ₅₀ : >100 mg/ _I (48 h) Daphnia Magna

12.2 Persistence and degradability

Not easily biodegradable. Biodegradation:

12.3 Bioaccumulative potential

N/A 12.4 Liikkuvuus maaperässä

12.5 Results of PBT and vPvB assessment

page 6(8) Saunia Paraffin Oil Date: 15.9.2021 Previous date: 22.3.2012

N/A

12.6 Endocrine disrupting properties

12.7 Other adverse effects

12.8 Additional information

13. Disposal considerations		
13.1 Jätteiden käsittelymenetelmät		
13.1.1 Product / Packaging disposal:	The packaging is disposed of as plastic waste (HDPE).	
13.1.2 Waste treatment-relevant information:	-	
13.1.3 Sewage disposal-relevant information:	-	_
13.1.4 Other disposal recommendations:	-	
14.Transport Information		
14.1. UN number or ID number	Not classified as hazardous transport	
14.2. UN proper shipping name		
14.3. Transport hazard class(es)		
14.4. Packing group		
14.5. Environmental hazard		
14.6. Special precautions for user		
14.7. Maritime transport in bulk according to IMO		

15. Regulatory information

instruments

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture None

15.2 Chemical Safety Assessment

16. Other information		
Indication of changes:	The safety data sheet has been updated in accordance with the guidelines issued in January 2021.	
Abbreviations and acronyms:	-	
Key literature references and sources for data:	MSDS's of raw materials, International Chemical Safety Cards (ICSC) -database	
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:	Calculation method, literature.	

page 7(8) Date: 15.9.2021 Previous date: 22.3.2012 Saunia Paraffin Oil

Χ	SAFETY DATA SHEET

Date: 28.7.2014 Former date:

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING				
1.1	Product identifier			
	Trade name	Saunia Sauna Scent Birch		
	Company product code	Sauria Sauria Scent Birch		
		-		
	REACH registration number	-		
1.2	Relevant identified uses of the substance or mixture and adviced against			
	The uses of the chemical	Sauna scent		
	Classification of economic activities	20.5 C 3 Manufacture of other chemical products		
	Use categories (UC62)	36 Fragrances		
	The chemical can be used by the general public			
	The chemical is used by the general public only			
1.3	Details of the supplier of the safety data sheet			
	Manufacturer, importer, other und Manufactured for: Nikkarien OY	dertaking		
	Street address	Sarkatie 2		
	Post code and post office	01720 Vantaa		
	Post-office box			
	Post code and post office			
	Telephone	+358 9 477 0150		
	e-mail address	info@nikkarien.fi		
	Finnish Business ID (Y-code)	FI05731312		

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION		
2.1	Classification of the substance or mixture	
	Product does not contain significant amounts of classified ingredients.	
2.2	Label elements	
	•	
2.3	Other hazards	

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS				
3.1 Hazardous ingredients				
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification	
-	-	-	-	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water and soap. Take off soiled clothing.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date: In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre. Most important symptoms and effects, both acute and delayed 4.2 4.3 Indication of any immediate medical attention and special treatment needed **SECTION 5: FIREFIGHTING MEASURES** 5.1 **Extinguishing media** Powder, foam or carbon dioxide. 5.2 Special hazards arising from the substance or mixture Advice for firefighters 5.3 **SECTION 6: ACCIDENTAL RELEASE MEASURES** Personal precautions, protective equipment and emergency procedures Use appropriate protective clothing. Arrange for adequate ventilation. 6.2 **Environmental precautions** 6.3 Methods and material for containment and cleaning up Absorb to adequate material (sand etc.) and dispose according to the local legislation. 6.4 Reference to other sections **SECTION 7: HANDLING AND STORAGE** Precautions for safe handling Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. 7.2 Conditions for safe storage, including any incompatibilities Tightly closed in cool, well ventilated room. 7.3 Specific end use(s) **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION Control parameters** National occupational exposure limit values Other limit values **DNEL PNEC** 8.2 **Exposure controls** Appropriate engineering controls Arrange adequate ventilation. Eye / face protection Wear appropriate protective goggles or mask if risk of splashes exist. Skin protection Protective clothing. Hand protection Material of protective gloves: PVA, nitrile or viton rubber. Respiratory protection Thermal hazards **Environmental exposure controls**

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1 Information on basic physical and chemical pro	perties	
Appearance	Liquid	
Odour	Characteristic	
Odour threshold	-	
рН	-	
Melting point / freezing point	-	
Initial boiling point and boiling range	100°C	
Flash point	-	
Evaporation rate	-	
Flammability (solid, gas)	-	
Upper / lower flammability or explosive limits	-	
Vapour pressure	-	
Vapour density	-	
Relative density	-	
Solubility(ies)	Dissolves in water, oil phase separates to surface.	
Partition coefficient: n-octanol/water	-	
Auto-ignition temperature	-	
Decomposition temperature	-	
Viscosity	-	
Explosive properties	-	
Oxidising properties	-	

9.2 Other information

-

SECTIO	SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity		
	-		
10.2	Chemical stability		
	Stabile under normal handling conditions.		
10.3	Possibility of hazardous reactions		
	-		
10.4	Conditions to avoid		
	-		
10.5	Incompatible materials		
	-		
10.6	Hazardous decomposition products		

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

_

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

Skin corrosion / irritation

-

Serious eye damage / irritation

.

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

-

STOT-repeated exposure

-

Aspiration hazard

-

Other information

SECTION 12: ECOLOGICAL INFORMATION 12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

_

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose according to local legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

-

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6

Special precautions for user

Product is to be used **only** diluted to water.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical safety assessment

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

-

SECTION 16: OTHER INFORMATION

Changes to previous version

New material safety data sheet.

Explanation of abbreviations

_

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

-

Training of employees.

-

Date: 28.7.2014 Former date:

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING **Product identifier** 1.1 **Trade name** Saunia Sauna Scent 500 ml Eucalyptus Company product code **REACH registration number** 1.2 Relevant identified uses of the substance or mixture and adviced against The uses of the chemical Sauna scent Classification of economic 20.5 C 3 Manufacture of other chemical products activities **Use categories (UC62)** 36 Fragrances The chemical can be used by the general public The chemical is used by the general public only Χ 1.3 Details of the supplier of the safety data sheet Manufacturer, importer, other undertaking Manufactured for: Nikkarien OY Street address Sarkatie 2 01720 Vantaa Post code and post office Post-office box Post code and post office **Telephone** +358 9 477 0150 e-mail address info@nikkarien.fi Finnish Business ID (Y-code) FI05731312 1.4 **Emergency telephone number** Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977 **SECTION 2: HAZARDS IDENTIFICATION** Classification of the substance or mixture 2.1 Product does not contain significant amounts of classified ingredients. 2.2 Label elements 2.3 Other hazards

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS				
3.1 Hazardous in	gredients			
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification	
-	-	-	-	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water and soap. Take off soiled clothing.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A

UNCONSCIOUS PERSON. Contact a physician or poison information centre.

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

4.2	Most important symptoms and effects, both acute and delayed		
	-		
4.3	Indication of any immediate medical attention and special treatment needed		
SECTION	ON 5: FIREFIGHTING MEASURES		
5.1	Extinguishing media		
J. 1	Powder, foam or carbon dioxide.		
5.2	Special hazards arising from the substance or mixture		
	· ·		
5.3	Advice for firefighters		
OFOTI			
	ON 6: ACCIDENTAL RELEASE MEASURES		
6.1	Personal precautions, protective equipment and emergency procedures Use appropriate protective clothing. Arrange for adequate ventilation.		
6.2	Environmental precautions		
0.2	-		
6.3	Methods and material for containment and cleaning up		
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.		
6.4	Reference to other sections		
	-		
SECTION	ON 7: HANDLING AND STORAGE		
7.1	Precautions for safe handling		
	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.		
7.2	Conditions for safe storage, including any incompatibilities		
7.0	Tightly closed in cool, well ventilated room.		
7.3	Specific end use(s)		
SECTION	ON 8: EXPOSURE CONTROLS / PERSONAL PROTECTION		
8.1	Control parameters		
	National occupational exposure limit values		
	- Other limit values		
	DNEL		
	PNEC		
	-		
8.2	Exposure controls		
	Appropriate engineering controls		
	Arrange adequate ventilation.		
	Eye / face protection		
	Wear appropriate protective goggles or mask if risk of splashes exist.		
	Skin protection		
	Protective clothing.		
	Hand protection		
	Material of protective gloves: PVA, nitrile or viton rubber.		
	Respiratory protection		
	- · · · · · · · · · · · · · · · · · · ·		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Environmental exposure controls

Thermal hazards

9.1 Information on basic physical and chemical properties

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

Appearance	Liquid
Odour	Characteristic
Odour threshold	-
рН	-
Melting point / freezing point	-
Initial boiling point and boiling range	100°C
Flash point	-
Evaporation rate	-
Flammability (solid, gas)	-
Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Dissolves in water, oil phase separates to surface.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTIO	SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity		
	-		
10.2	Chemical stability		
	Stabile under normal handling conditions.		
10.3	Possibility of hazardous reactions		
	-		
10.4	Conditions to avoid		
	-		
10.5	Incompatible materials		
	-		
10.6	Hazardous decomposition products		

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

-

Skin corrosion / irritation

-

Serious eye damage / irritation

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

-

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

_

STOT-repeated exposure

-

Aspiration hazard

_

Other information

SECTION 12: ECOLOGICAL INFORMATION

_

12.1	Toxicity
	-
12.2	Persistence and degradability
	<u> </u>
12.3	Bioaccumulative potential
10.1	-
12.4	Mobility in soil
12.5	- Results of PBT and vPvB assessment
12.3	Results of PBT and VPVB assessment
12.6	Other adverse effects
12.0	-
SECTIO	N 13: DISPOSAL CONSIDERATIONS
13.1	Waste treatment methods
13.1	Dispose according to local legislation.
	Bioposo doscraing to local logistation
SECTIO	N 14: TRANSPORT INFORMATION
14.1	UN number
	-
14.2	UN proper shipping name
	-
14.3	Transport hazard class(es)
	<u> </u>
14.4	Packing group
14.5	- Environmental hazards
14.5	Environmental nazards
14.6	Special precautions for user
17.0	Product is to be used only diluted to water.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	•
SECTIO	N 15: REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	-
15.2	Chemical safety assessment
	•

Sivu 4

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

SECTION 16: OTHER INFORMATION

Changes to previous version

New material safety data sheet.

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

-

Training of employees.

-

X SAFETY DATA SHEET

Date: 13.6.2024 **Former date:** -

1.1	Product identifier Trade name Company product code UFI Number Relevant identified uses of the	- 1XXV-04E8-EJ8	cent 500 ml Honey&herbs
1.2	Company product code UFI Number	- 1XXV-04E8-EJ8	·
1.2	Company product code UFI Number	- 1XXV-04E8-EJ8	·
1.2	UFI Number		5-YOWV
1.2			5-YCJVV V
1.2	Relevant identified uses of the		0 1 4 11 1
		substance or mixt	ure and adviced against
	The uses of the chemical	Sauna scent	
	Classification of economic		acture of other chemical products
	activities	20.0 0 0 Mariare	iotare of other orientical products
	Use categories (UC62)	36 Fragrances	
	The chemical can be used by the	ne general public	
	The chemical is used by the ge	neral public only	X
1.3	Details of the supplier of the sa	fety data sheet	
	Manufacturer, importer, other u		
	Manufactured for: Nikkarien OY		
	Street address	Sarkatie 2	
	Post code and post office	01720 Vantaa	
	Post-office box		
	Post code and post office		
	Telephone	+358 9 477 01	50
	e-mail address	info@nikkarien	.fi
	Finnish Business ID (Y-code)	FI05731312	
4.4	Cmarray talanhana numbar		
1.4	.4 Emergency telephone number Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977) Helsinki 09-4711 or 09-471977
	r electrimemation control ridar		5 11 5 1 5 5 1 1 1 1 5 1 5 5 1 1 1 5 1 1 5 1
	N 2: HAZARDS IDENTIFICATION		
2.1	Classification of the substance		20.11
2.2	Product does not contain significate Label elements	ant amounts of class	sitiea ingredients.
L.L	-		
2.3	Other hazards		
	-		
SECTION	N 3 : COMPOSITION / INFORMATI	ION ON INGREDIE	NTS
3.1	Hazardous ingredients	ON ON MOREDIE	
	number and Name of the	Concentration	Classification
the regis	stration ingredient		

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water and soap. Take off soiled clothing.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A

UNCONSCIOUS PERSON. Contact a physician or poison information centre.

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

4.2	Most important symptoms and effects, both acute and delayed
	-
4.3	Indication of any immediate medical attention and special treatment needed
	-
SECTI	ION 5: FIREFIGHTING MEASURES
5.1	Extinguishing media
	Powder, foam or carbon dioxide.
5.2	Special hazards arising from the substance or mixture
	-
5.3	Advice for firefighters
	-
SECTI	ION 6: ACCIDENTAL RELEASE MEASURES
6.1	Personal precautions, protective equipment and emergency procedures
	Use appropriate protective clothing. Arrange for adequate ventilation.
6.2	Environmental precautions
	-
6.3	Methods and material for containment and cleaning up
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.

SECTION 7: HANDLING AND STORAGE		
7.1	Precautions for safe handling	
<u> </u>	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.	
7.2	Conditions for safe storage, including any incompatibilities	
	Tightly closed in cool, well ventilated room.	
7.3	Specific end use(s)	

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

-

6.4

Other limit values

.

DNEL

-

PNEC

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Reference to other sections

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

.

Thermal hazards

_

Environmental exposure controls

_

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1 Information on basic physical and chemical properties		
Appearance	Liquid, orange	
Odour	Characteristic	
Odour threshold	-	
рН	-	
Melting point / freezing point	appr. 0°C	
Initial boiling point and boiling range	100°C	
Flash point	-	
Evaporation rate	-	
Flammability (solid, gas)	-	
Upper / lower flammability or explosive limits	-	
Vapour pressure	-	
Vapour density	-	
Relative density	-	
Solubility(ies)	Dissolves in water, oil phase separates to surface.	
Partition coefficient: n-octanol/water	-	
Auto-ignition temperature	-	
Decomposition temperature	-	
Viscosity	-	
Explosive properties	-	
Oxidising properties	-	

9.2 Other information

-

SECTIO	SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity		
	•		
10.2	Chemical stability		
	Stabile under normal handling conditions.		
10.3	Possibility of hazardous reactions		
,	•		
10.4	Conditions to avoid		
	•		
10.5	Incompatible materials		
,	•		
10.6	Hazardous decomposition products		

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

Skin corrosion / irritation

-

Serious eye damage / irritation

_

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

-

STOT-repeated exposure

-

Aspiration hazard

_

Other information

_

SECTION 12: ECOLOGICAL INFORMATION		
12.1	Toxicity	
	-	
12.2	Persistence and degradability	
	-	
12.3	Bioaccumulative potential	
	-	
12.4	Mobility in soil	
	•	
12.5	Results of PBT and vPvB assessment	
	-	
12.6	Other adverse effects	
	_	

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose according to local legislation.

SECTIO	N 14: TRANSPORT INFORMATION
14.1	UN number
	-
14.2	UN proper shipping name
	•
14.3	Transport hazard class(es)
	•
14.4	Packing group
	•
14.5	Environmental hazards
	•
14.6	Special precautions for user
	Product is to be used only diluted to water.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	•

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Date: Virhe. Viitteen lähdettä ei löytynyt.13.6.2024 Former date: Virhe. Viitteen

lähdettä ei löytynyt.

-

Chemical safety assessment

-

SECTION 16: OTHER INFORMATION

Changes to previous version

New material safety data sheet.

Explanation of abbreviations

_

15.2

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

-

Training of employees.

-

Date: 28.7.2014 Former date:

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING **Product identifier** 1.1 **Trade name** Saunia Sauna Scent 500 ml Tar Company product code **REACH registration number** 1.2 Relevant identified uses of the substance or mixture and adviced against The uses of the chemical Sauna scent Classification of economic 20.5 C 3 Manufacture of other chemical products activities **Use categories (UC62)** 36 Fragrances The chemical can be used by the general public The chemical is used by the general public only Χ 1.3 Details of the supplier of the safety data sheet Manufacturer, importer, other undertaking Manufactured for: Nikkarien OY Street address Sarkatie 2 01720 Vantaa Post code and post office Post-office box Post code and post office **Telephone** +358 9 477 0150 e-mail address info@nikkarien.fi Finnish Business ID (Y-code) FI05731312 1.4 **Emergency telephone number** Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, +358 9-4711 or +358 9-471977 **SECTION 2: HAZARDS IDENTIFICATION** Classification of the substance or mixture 2.1 Product does not contain significant amounts of classified ingredients. 2.2 Label elements 2.3 Other hazards **SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS Hazardous ingredients CAS/EC** number and Classification Name of the Concentration

SECTION 4: FIRST AID MEASURES

the registration

number

4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.

ingredient

Wash off from skin with plenty of water and soap. Take off soiled clothing.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A

UNCONSCIOUS PERSON. Contact a physician or poison information centre.

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

4.2	Most important symptoms and effects, both acute and delayed
4.3	Indication of any immediate medical attention and special treatment needed
110	-
SECTION	ON 5: FIREFIGHTING MEASURES
5.1	Extinguishing media
	Powder, foam or carbon dioxide.
5.2	Special hazards arising from the substance or mixture
5.3	- Advice for firefighters
J.J	-
SECTION	ON 6: ACCIDENTAL RELEASE MEASURES
6.1	Personal precautions, protective equipment and emergency procedures
	Use appropriate protective clothing. Arrange for adequate ventilation.
6.2	Environmental precautions
	<u>- </u>
6.3	Methods and material for containment and cleaning up
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.
6.4	Reference to other sections
SECTION	ON 7: HANDLING AND STORAGE
7.1	Precautions for safe handling
	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.
7.2	Conditions for safe storage, including any incompatibilities
	Tightly closed in cool, well ventilated room.
7.3	Specific end use(s)
	-
	ON 8: EXPOSURE CONTROLS / PERSONAL PROTECTION
8.1	Control parameters
	National occupational exposure limit values
	Other limit values
	DNEL
	-
	PNEC
8.2	Exposure controls
	Appropriate engineering controls
	Arrange adequate ventilation.
	Eye / face protection
	Wear appropriate protective goggles or mask if risk of splashes exist.
	Skin protection
	Protective clothing.
	Hand protection

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

_

Thermal hazards

_

Environmental exposure controls

-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

Appearance	Liquid
Odour	Characteristic
Odour threshold	-
рН	-
Melting point / freezing point	-
Initial boiling point and boiling range	100°C
Flash point	-
Evaporation rate	-
Flammability (solid, gas)	-
Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Dissolves in water, oil phase separates to surface.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTIO	SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity		
	-		
10.2	Chemical stability		
	Stabile under normal handling conditions.		
10.3	Possibility of hazardous reactions		
	-		
10.4	Conditions to avoid		
	-		
10.5	Incompatible materials		
	-		
10.6	Hazardous decomposition products		

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

-

Skin corrosion / irritation

-

Serious eye damage / irritation

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

-

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

-

STOT-repeated exposure

-

Aspiration hazard

_

Taviaitu

Other information

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity
	•
12.2	Persistence and degradability
	-
12.3	Bioaccumulative potential
•	•
12.4	Mobility in soil
	•
12.5	Results of PBT and vPvB assessment
	•
12.6	Other adverse effects
	-
SECTIO	N 13: DISPOSAL CONSIDERATIONS
13.1	Waste treatment methods
	Dispose according to local legislation.
SECTIO	N 14: TRANSPORT INFORMATION
14.1	UN number
	-
14.2	UN proper shipping name
	-
14.3	Transport hazard class(es)
	-
14.4	Packing group
	•
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	•
SECTIO	N 15: REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	-
15.2	Chemical safety assessment
.0.2	onomical carety according to
	-

Sivu 4

Date: Virhe. Viitteen lähdettä ei löytynyt.28.7.2014 Former date:

SECTION 16: OTHER INFORMATION

Changes to previous version

New material safety data sheet.

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

-

Training of employees.

-

Date: 15.2.2013 **Former date:** 28.8.2012

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name Saunia Sauna scent Birch

Company product code - REACH registration number -

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public

The chemical is used by the general public only X

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Sarkatie 2
Post code and post office 01720 Vantaa

Post-office box

Post code and post office

Telephone +358 9 477 0150
e-mail address info@nikkarien.fi
Finnish Business ID (Y-code) Fl05731312

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Skin Sens. 1; H317: May cause an allergic skin reaction.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE 3; H336: May cause drowsiness or dizziness.

 $\label{eq:Aquatic Chronic 3} A quatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.$

F, Xi N; R11, R36, R43, R67, R52/53

2.2 Label elements





DANGER

H225: Highly flammable liquid and vapour.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Trade name: Saunia Sauna scent Birch

Date: Virhe. Viitteen lähdettä ei löytynyt.15.2.2013 Former date: 28.8.2012

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

2.3 Other hazards

3.1 Hazardous ingredients			
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
CAS: 67-63-0	Isopropanol	40-50%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
CAS: 106-24-1	Geraniol	<1%	Xi;R38, R41, R43 Eye dam. 1, H318 Skin irrit. 2, H315 Skin sens 1, H317
CAS: 80-26-2	Limonene	<1%	Xi; N; R38, R43, R50/53, R10 Flam liq 3, H226 Skin irrit. 2, H315 Skin sens 1, H317 Aq chron. 1, H410
CAS: 80-26-2	Terpinyl acetate	<1%	N;R51/53

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.

Butylated

hydroxytoluene

Wash off from skin with plenty of water and soap. Take off soiled clothing.

<1%

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A

Aq. chron. 2, H411

Ag. chron. 1, H410

N:R50/53

UNCONSCIOUS PERSON. Contact a physician or poison information centre.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact may cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed

__

CAS: 128-37-0

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Powder, foam or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

-

5.3 Advice for firefighters

-

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Trade name: Saunia Sauna scent Birch

Date: Virhe. Viitteen lähdettä ei löytynyt.15.2.2013 Former date: 28.8.2012

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

6.3 Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

6.4 Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

7.3 Specific end use(s)

-

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Limonene 25 ppm (8h), 50 ppm (15 min)

Butylated hydroxytoluene 10 mg/m³ (8 h), 20 mg/m³ (15 min)

Other limit values

-

DNEL

PNEC

_

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

-

Thermal hazards

-

Environmental exposure controls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Appearance Green liquid Odour Characteristic Odour threshold pH Melting point / freezing point -

Trade name: Saunia Sauna scent Birch

Date: Virhe. Viitteen lähdettä ei löytynyt.15.2.2013 Former date: 28.8.2012

Initial boiling point and boiling range	82-83°C (Isopropanol)
Flash point	13 °C (Isopropanol)
Evaporation rate	-
Flammability (solid, gas)	-
Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity	
	-	
10.2	Chemical stability	
	Stabile under normal handling conditions.	
10.3	Possibility of hazardous reactions	
	-	
10.4	Conditions to avoid	
	-	
10.5	Incompatible materials	
	-	

10.6 Hazardous decomposition products

-

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion / irritation

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

Skin contact may cause allergic reaction.

Trade name: Saunia Sauna scent Birch

Date: Virhe. Viitteen lähdettä ei löytynyt.15.2.2013 Former date: 28.8.2012

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

May cause dizziness.

STOT-repeated exposure

-

Aspiration hazard

-

Other information

-

SECTIO	N 12: ECOLOGICAL INFORMATION
12.1	Toxicity
	-
12.2	Persistence and degradability
	-
12.3	Bioaccumulative potential
	-
12.4	Mobility in soil
	<u> </u>
12.5	Results of PBT and vPvB assessment
	<u>-</u>
12.6	Other adverse effects
	<u>-</u>
SECTIO	ON 13: DISPOSAL CONSIDERATIONS
13.1	Waste treatment methods
	Dispose according to local legislation.
SECTIO	ON 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
-	33
14.4	Packing group

14.5 Environmental hazards

14.6 Special precautions for user

Product is to be used **only** diluted to water 1:100. Other use is prohibited.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

-

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical safety assessment

-

SECTION 16: OTHER INFORMATION

Changes to previous version

Ingredients or concentrations of ingredients has been changed to previous version.

Trade name: Saunia Sauna scent Birch

Date: Virhe. Viitteen lähdettä ei löytynyt.15.2.2013 Former date: 28.8.2012

Explanation of abbreviations

_

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H317 May cause an allergic skin reaction.

H318: Causes serious eve damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R67 Vapours may cause drowsiness and dizziness.

Training of employees.

_

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name Saunia Sauna scent Eucalyptus

Company product code - REACH registration number -

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic 20

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public

The chemical is used by the general public only

X

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Sarkatie 2
Post code and post office 01720 Vantaa

Post-office box

Post code and post office

Telephone +358 9 477 0150
e-mail address info@nikkarien.fi
Finnish Business ID (Y-code) Fl05731312

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Skin Sens. 1; H317: May cause an allergic skin reaction.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE 3; H336: May cause drowsiness or dizziness.

Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

F, Xi N; R11, R36, R43, R67, R52/53

2.2 Label elements





DANGER

H225: Highly flammable liquid and vapour.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

2.3 Other hazards

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Hazardous ingredients				
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification	
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
CAS: 138-86-3	Limonene	<2%	Xn, N; R10-38-43-65-50/53 Flam liq. 3; H226; Asp. Tox. 1; H304; Skin irrit. 2; H315; Skin sens. 1; H317; Aquatic acute 1; H400; Aquatic chronic 1; H410	
CAS: 80-56-8	Pinenes	<2%	Xn, N; R10-43-65-50/53 Flam liq. 3; H226; Asp. Tox. 1; H304; Skin sens 1; H317; Aquatic acute 1; H400; Aquatic chronic 1; H411	

SECTION 4	FIRST	AID I	MEASURES
SECTION 4	. I II\J I	MID I	MEAGUILES

4.1	Description	an at tiret	aid	measures
7.1	Describit	JII OI III SL	aıu	IIICasulcs

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water and soap. Take off soiled clothing.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A

UNCONSCIOUS PERSON. Contact a physician or poison information centre.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact may cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed

-

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Powder, foam or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

6.3 Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

6.4 Reference to other sections

_

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

7.3 Specific end use(s)

-

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Other limit values

DNEL

_

PNEC

_

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

_

Thermal hazards

-

Environmental exposure controls

-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Odour	Characteristic
Odour threshold	-
рН	-
Melting point / freezing point	-
Initial boiling point and boiling range	82-83°C (Isopropanol)
Flash point	13 °C (Isopropanol)

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

-
-
-
-
-
-
Isopropanol-water mixture dissolve perfectly in water, essential oil separates to surface. Essential oil and isopropanol dissolve in fat phase perfectly, water separates.
-
-
-
-
-
-

9.2 Other information

-

SECTION	SECTION 10: STABILITY AND REACTIVITY			
10.1	Reactivity			
	•			
10.2	Chemical stability			
	Stabile under normal handling conditions.			
10.3	Possibility of hazardous reactions			
	•			
10.4	Conditions to avoid			
	-			
10.5	Incompatible materials			
	•			

10.6 Hazardous decomposition products

-

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion / irritation

-

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

Skin contact may cause allergic reaction.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

No carsinogenic effects. **Reproductive toxicity**

No effects.

STOT-single exposure

May cause dizziness.

STOT-repeated exposure

-

Aspiration hazard

-

Other information

-

SECTIO	N 12: ECOLOGICAL INFORMATION
12.1	Toxicity
	-
12.2	Persistence and degradability
	-
12.3	Bioaccumulative potential
	-
12.4	Mobility in soil
	-
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects
	-
SECTIO	N 13: DISPOSAL CONSIDERATIONS
13.1	Waste treatment methods
	Dispose according to local legislation.

SECTIO	ON 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
	33
14.4	Packing group
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water 1:100. Other use is prohibited.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	_

SECTION 15: REGULATORY INFORMATION 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.	
•	ire
15.2 Chemical safety assessment	

SECTION 16: OTHER INFORMATION

Changes to previous version

updated previous version dated 24.5.2012

Explanation of abbreviations

_

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317 May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

Training of employees. Työntekijöiden koulutus

Sivu 6

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name Saunia Sauna scent Honey&Herbs

Company product code - REACH registration number -

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic 20.5 C

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public $\hfill\Box$

The chemical is used by the general public only X

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Sarkatie 2
Post code and post office 01720 Vantaa

Post-office box

Post code and post office

Telephone +358 9 477 0150
e-mail address info@nikkarien.fi
Finnish Business ID (Y-code) Fl05731312

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE 3; H336: May cause drowsiness or dizziness.

F, Xi N; R11, R36, R67

2.2 Label elements





DANGER

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

2.3 Other hazards

.

3.1	Hazardous ir	gredients			
the reg		Name of the ingredient	Concentration	Classification	
CAS: 67-63-0		Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
SECTIO	ON 4: FIRST AID	MEASURES			
4.1	Description of	of first aid measu	res		
		alation: take the p			
	In case of ing	estion: Drink wate	r, but remember NO	nd take the patient to the doctor's. T TO GIVE ANYTHING TO DRINK TO A poison information centre.	
4.2 Most important symptoms and effects, both acute and delayed - 4.3 Indication of any immediate medical attention and special treatment needed					
		d special treatment needed			
	-	,			
SECTIO	ON 5: FIREFIGHT	ING MEASURES			
5.1	Extinguishin	g media			
	Powder, foam	or carbon dioxide) <u>.</u>		
5.2	Special hazards arising from the substance or mixture				
	-				
5.3	Advice for firefighters				
	-				
	ON 6: ACCIDENT	AL RELEASE ME	EASURES		
6.1	Personal precautions, protective equipment and emergency procedures				
	flames/hot su	<u>rfaces – No smoki</u>		quate ventilation. Keep away from heat/sparks/open	
6.2	Environment	al precautions			

SECTION 7: HANDLING AND STORAGE

Reference to other sections

7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

7.2 Conditions for safe storage, including any incompatibilities

Methods and material for containment and cleaning up

Tightly closed in cool, well ventilated room.

7.3 Specific end use(s)

6.3

6.4

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Other limit values

DNEL

_

PNEC

_

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

_

Thermal hazards

-

Environmental exposure controls

-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties		
	Appearance	Orange-red liquid	
	Odour	Characteristic	
	Odour threshold	-	
	рН	-	
	Melting point / freezing point	-	
	Initial boiling point and boiling range	82-83°C (Isopropanol)	
	Flash point	13 °C (Isopropanol)	
	Evaporation rate	-	
	Flammability (solid, gas)	-	
	Upper / lower flammability or explosive limits	-	
	Vapour pressure	-	
	Vapour density	-	
	Relative density	-	
	Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.	
	Partition coefficient: n-octanol/water	-	
	Auto-ignition temperature	-	
	Decomposition temperature	-	
	Viscosity	-	

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTION	SECTION 10: STABILITY AND REACTIVITY	
10.1	Reactivity	
	-	
10.2	Chemical stability	
	Stabile under normal handling conditions.	
10.3	Possibility of hazardous reactions	
	-	
10.4	Conditions to avoid	
	-	
10.5	Incompatible materials	
	-	

10.6 Hazardous decomposition products

-

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

_

Skin corrosion / irritation

-

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

May cause dizziness.

STOT-repeated exposure

-

Aspiration hazard

-

Other information

-

SECTION 12: ECOLOGICAL INFORMATION		
12.1	1 Toxicity	
	-	
12.2	Persistence and degradability	
	-	
12.3	Bioaccumulative potential	

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

	-
12.4	Mobility in soil
	-
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects
	_

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose according to local legislation.

SECTION	N 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
	33
14.4	Packing group
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water 1:100. Other use is prohibited.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	-
SECTION	N 15: REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	-
15.2	Chemical safety assessment

SECTION 16: OTHER INFORMATION

Changes to previous version

updated previous version dated 24.5.2012

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

R11 Highly flammable.

R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

Training of employees.

Date: 5.1.2021 Former date:

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product identifier

Trade name Saunia Sauna scent Juniper berry

Company product code **REACH registration number**

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public

The chemical is used by the general public only Χ

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Teollisuustie 6 Post code and post office 02880 Veikkola

Post-office box

Post code and post office

Telephone +358 9 477 0150 e-mail address info@nikkarien.fi Finnish Business ID (Y-code) FI05731312

1.4 **Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture 2.1

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Skin Irrit 2; H315: Causes skin irritation.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE3; H336: May cause drowsiness or dizziness.

Aguatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements





DANGER

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eve irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

2.3 Other hazards

Date: Virhe. Viitteen lähdettä ei löytynyt.5.1.2021 Former date:

3.1 Hazardous ii	ngredients		
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
Isopropylialcohol	CAS: 67-63-0	50-65%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Alpha-Pinene	CAS: 80-56-8	3%	Flam. Liq. 3, H226 Asp.Tox 1, H304 Skin Irrit. 2, H315 Skin Sens 1, H317 Aq. Chronic 1, H10
Beta-Pinene	CAS: 127-91-3	3%	Flam. Liq. 3, H226 Asp.Tox 1, H304 Skin Irrit. 2, H315 Skin Sens 1, H317 Aq. Chronic 1, H10
Limonene	CAS: 5989-27-5	<0,5%	Flam. Liq. 3, H226 Asp.Tox 1, H304 Skin Irrit. 2, H315 Skin Sens 1, H317 Aq. Chronic 1, H10
Grapefruit	CAS: 8016-20-4	<5%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit 2, H319 STOT SE 3, H335
SECTION 4: FIRST AID			
	of first aid measure nalation: take the par		
	n skin with plenty of		
			nd take the patient to the doctor's.
In case of ing	gestion: Drink water,	but remember NO	T TO GIVE ANYTHING TO DRINK TO A poison information centre.
	ant symptoms and		
May cause sl	kin irritation.		

	in case of ingestion. Drink water, but remember NOT TO GIVE ANTITHING TO DISTINCT OA
	UNCONSCIOUS PERSON. Contact a physician or poison information centre.
4.2	Most important symptoms and effects, both acute and delayed
	May cause skin irritation.
4.3	Indication of any immediate medical attention and special treatment needed
	-
SECTI	ON 5: FIREFIGHTING MEASURES
5.1	Extinguishing media
	Powder, foam, sand or carbon dioxide.
5.2	Special hazards arising from the substance or mixture
·	-
5.3	Advice for firefighters
	-
SECTI	ON 6: ACCIDENTAL RELEASE MEASURES
6.1	Personal precautions, protective equipment and emergency procedures
	Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open

Absorb to adequate material (sand etc.) and dispose according to the local legistlation.

flames/hot surfaces – No smoking. **Environmental precautions**

Reference to other sections

Prevent significant amounts accessing to the drain.

Methods and material for containment and cleaning up

6.2

6.3

6.4

Date: Virhe. Viitteen lähdettä ei löytynyt.5.1.2021 Former date:

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities 7.2

Tightly closed in cool, well ventilated room.

7.3 Specific end use(s)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 **Control parameters**

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Other limit values

DNEL

PNEC

8.2 **Exposure controls**

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

Thermal hazards

Environmental exposure controls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
.1 Information on basic physical and chemical properties	
Appearance	Green liquid
Odour	Characteristic
Odour threshold	-
рН	-
Melting point / freezing point	-
Initial boiling point and boiling range	82-83°C (Isopropanol)
Flash point	13 °C (Isopropanol)
Evaporation rate	-
Flammability (solid, gas)	-
Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-

Date: Virhe. Viitteen lähdettä ei löytynyt.5.1.2021 Former date:

Relative density	-
Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, mint oil separates to surface. Mint oil and isopropanol dissolve in fat phase perfectly, water separates.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTION 10: STABILITY AND REACTIVITY	
10.1	Reactivity
	-
10.2	Chemical stability
	Stabile under normal handling conditions.
10.3	Possibility of hazardous reactions
	-
10.4	Conditions to avoid
	-
10.5	Incompatible materials

-

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

_

Skin corrosion / irritation

May cause skin irritation.

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

May cause dizziness.

STOT-repeated exposure

_

Date: Virhe. Viitteen lähdettä ei löytynyt.5.1.2021 Former date:

Aspiration hazard

_

Other information

-

SECTIO	SECTION 12: ECOLOGICAL INFORMATION	
12.1	Toxicity	
	•	
12.2	Persistence and degradability	
	•	
12.3	Bioaccumulative potential	
	•	
12.4	Mobility in soil	
	•	
12.5	Results of PBT and vPvB assessment	
	•	
12.6	Other adverse effects	

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose according to local legislation.

SECTION	ON 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
	33
14.4	Packing group
14.5	Environmental hazards
	•
14.6	Special precautions for user
	Product is to be used only diluted to water 1:100. Other use is prohibited.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	•
SECTION	ON 15: REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture

SECTION 16: OTHER INFORMATION

Chemical safety assessment

Changes to previous version

-

15.2

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

Training of employees.

_

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name Saunia Sauna scent Lemon

Company product code - REACH registration number -

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public

The chemical is used by the general public only X

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Sarkatie 2
Post code and post office 01720 Vantaa

Post-office box

Post code and post office

Telephone +358 9 477 0150
e-mail address info@nikkarien.fi
Finnish Business ID (Y-code) Fl05731312

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Skin sens. 1, H317: May cause an allergic skin reaction.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE 3; H336: May cause drowsiness or dizziness.

Ag. Chron. 3, H412: Harmful to aquatic life with long lasting effects.

F, Xi; R10, R36, R43, R52/53, R67

2.2 Label elements





DANGER

H225: Highly flammable liquid and vapour.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

2.3 Other hazards

_

SECTION 3: COMPOS	ITION / INFORMA	TION ON INGREDIE	ENTS	
3.1 Hazardous ii	ngredients			
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification	
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
CAS: 138-86-3	Limonene	<4%	R10; N;R50/53, R43; Xn;R65; Xi;R38 Asp. tox. 1, H304 Skin irrit. 2, H315 Skin sens. 1, H317 Aquatic Acute 1, H400	

SECTI	ON 4: FIRST AID MEASURES
4.1	Description of first aid measures
	In case of inhalation: take the patient to fresh air.
	Wash off from skin with plenty of water and soap. Take off soiled clothing.
	Rinse immediately from eyes with plenty of water and take the patient to the doctor's.
	In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A
	UNCONSCIOUS PERSON. Contact a physician or poison information centre.
4.2	Most important symptoms and effects, both acute and delayed
	Skin contact may cause allergic reaction.
4.3	Indication of any immediate medical attention and special treatment needed
	-

SECTIO	DN 5: FIREFIGHTING MEASURES
5.1	Extinguishing media
	Powder, foam or carbon dioxide.
5.2	Special hazards arising from the substance or mixture
	-
5.3	Advice for firefighters

SECTION 6:	ACCIDENTAL	RELEASE	MEASURES

6.1	Personal precautions, protective equipment and emergency procedures
	Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open
	flames/hot surfaces – No smoking.
6.2	Environmental processions

6.2	Environmental	precautions

	-
6.3	Methods and material for containment and cleaning up
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.
6.4	Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

7.3 Specific end use(s)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Other limit values

DNEL

-

PNEC

-

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

-

Thermal hazards

Environmental exposure controls

-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical pr	operties
	Appearance	Yellow liquid
	Odour	Characteristic
	Odour threshold	-
	рН	-
	Melting point / freezing point	-
	Initial boiling point and boiling range	82-83°C (Isopropanol)
	Flash point	13 °C (Isopropanol)
	Evaporation rate	-
	Flammability (solid, gas)	-
	Upper / lower flammability or explosive limits	-
	Vapour pressure	-
	Vapour density	-
	Relative density	-

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTIO	N 10: STABILITY AND REACTIVITY
10.1	Reactivity
	•
10.2	Chemical stability
	Stabile under normal handling conditions.
10.3	Possibility of hazardous reactions
	•
10.4	Conditions to avoid
	•
10.5	Incompatible materials
	•

|--|

-

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Lemon oil: LD $_{50}$: >5000 mg/kg (oral, rat)

Skin corrosion / irritation

_

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

Skin contact may cause allergic reaction.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

May cause dizziness.

STOT-repeated exposure

-

Aspiration hazard

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

Other information

_

	SECTION 12: ECOLOGICAL INFORMATION
12.1	Toxicity
	- Harmful to aquatic life with long lasting effects.
12.2	Persistence and degradability
	-
12.3	Bioaccumulative potential
	-
12.4	Mobility in soil
	-
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose according to local legislation.

SECTIO	ON 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
	33
14.4	Packing group
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water 1:100. Other use is prohibited.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	•

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical safety assessment

.

SECTION 16: OTHER INFORMATION

Changes to previous version

updated previous version dated 24.5.2012

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

Date: 21.8.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

Training of employees.

Sivu 6

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name Saunia Sauna scent Mint

Company product code - REACH registration number -

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public $\hfill\Box$

The chemical is used by the general public only X

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Sarkatie 2
Post code and post office 01720 Vantaa

Post-office box

Post code and post office

Telephone +358 9 477 0150
e-mail address info@nikkarien.fi
Finnish Business ID (Y-code) Fl05731312

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE3; H336: May cause drowsiness or dizziness.

Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

F, Xi N; R11, R36, R67, R52/53

2.2 Label elements





H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Date: Virhe. Viitteen lähdettä ei löytynyt.21.8.2012 Former date: Virhe. Viitteen

lähdettä ei löytynyt.24.5.2012

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

2.3 Other hazards

-

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS					
3.1 Hazardous ingredients					
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification		
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336		
CAS: 2216-51-5	L-Menthol	<5%	Xi; R38 Skin irrit. 2; H315		
CAS: 14073-97-3	P-menthan-3-one	<4%	R52/53		

SECTION	4.	FIRST	ΔID	MEASURES
SECTION		111/01	$\Delta I \nu$	MILAGUILEG

4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A

UNCONSCIOUS PERSON. Contact a physician or poison information centre.

4.2 Most important symptoms and effects, both acute and delayed

-

4.3 Indication of any immediate medical attention and special treatment needed

_

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Powder, foam, sand or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

-

5.3 Advice for firefighters

_

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

6.3 Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legistlation.

6.4 Reference to other sections

_

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Date: Virhe. Viitteen lähdettä ei löytynyt.21.8.2012

lähdettä ei löytynyt.24.5.2012

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Take precautionary measures against static discharges.

Former date: Virhe, Viitteen

7.2 Conditions for safe storage, including any incompatibilities Tightly closed in cool, well ventilated room.

7.3 Specific end use(s)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 **Control parameters**

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Other limit values

DNEL

PNEC

8.2 **Exposure controls**

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

Thermal hazards

Environmental exposure controls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

nformation on basis physical and sha

9.1	Information on basic physical and chemical properties		
	Appearance	Green liquid	
	Odour	Characteristic	
	Odour threshold	-	
	рН	-	
	Melting point / freezing point	-	
	Initial boiling point and boiling range	82-83°C (Isopropanol)	
	Flash point	13 °C (Isopropanol)	
	Evaporation rate	-	
	Flammability (solid, gas)	-	
	Upper / lower flammability or explosive limits	-	
	Vapour pressure	-	
	Vapour density	-	
	Relative density	-	
	·		

Date: Virhe. Viitteen lähdettä ei löytynyt.21.8.2012 Former date: Virhe. Viitteen

lähdettä ei löytynyt.24.5.2012

Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, mint oil separates to surface. Mint oil and isopropanol dissolve in fat phase perfectly, water separates.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTION 10: STABILITY AND REACTIVITY			
10.1	Reactivity		
	-		
10.2	Chemical stability		
	Stabile under normal handling conditions.		
10.3	Possibility of hazardous reactions		
	•		
10.4	Conditions to avoid		
	-		
10.5	Incompatible materials		
	•		

10.6 Hazardous decomposition products

_

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Mint oil: LD₅₀: 1240 mg/kg (oral, rat)

Skin corrosion / irritation

-

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

May cause dizziness.

STOT-repeated exposure

-

Aspiration hazard

Date: Virhe. Viitteen lähdettä ei löytynyt.21.8.2012

lähdettä ei löytynyt.24.5.2012

Other information

-

SECTIO	ON 12: ECOLOGICAL INFORMATION
12.1	Toxicity
12.1	-
12.2	Persistence and degradability
12.2	-
12.3	Bioaccumulative potential
12.0	-
12.4	Mobility in soil
	-
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects
	•
SECTIO	ON 13: DISPOSAL CONSIDERATIONS
13.1	Waste treatment methods
	Dispose according to local legislation.
SECTIO	ON 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
	33
14.4	Packing group
	II
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water 1:100. Other use is prohibited.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	•
SECTIO	ON 15: REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	<u> </u>

Former date: Virhe. Viitteen

SECTION 16: OTHER INFORMATION

Changes to previous version

updated previous version dated 24.5.2012

Chemical safety assessment

Explanation of abbreviations

_

15.2

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

Date: Virhe. Viitteen lähdettä ei löytynyt.21.8.2012 Former date: Virhe. Viitteen

lähdettä ei löytynyt.24.5.2012

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness.

Training of employees.

-

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name Saunia Sauna scent Pine

Company product code - REACH registration number -

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public

The chemical is used by the general public only X

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Sarkatie 2
Post code and post office 01720 Vantaa

Post-office box

Post code and post office

Telephone +358 9 477 0150
e-mail address info@nikkarien.fi
Finnish Business ID (Y-code) Fl05731312

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Skin Sens. 1; H317: May cause an allergic skin reaction.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE 3; H336: May cause drowsiness or dizziness.

Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

F, Xi N; R11, R36, R43, R67, R52/53

2.2 Label elements





DANGER

H225: Highly flammable liquid and vapour.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

2.3 Other hazards

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS					
3.1 Hazardous ingredients					
CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification		
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336		
CAS: 13466-78-9	3,7,7- trimethylbicyclo(4 .1.0)hept-3-ene	<1,5%	R10, R43, R52/53, Xn; R65 Flam liq. 3; H226 Asp. tox 1; H304 Skin sens 1; H317 Aquatic chronic 1;H410		
CAS: 7785-26-4	Alpha-pinene	<1%	R10, N; R52/53, Xn; R65 Flam liq. 3; H226 Asp. tox 1; H304 Skin sens 1; H317 Aquatic acute 1; H400 Aquatic chronic 1:H410		

4.1	Description of first aid measures
	In case of inhalation: take the patient to fresh air.
	Wash off from skin with plenty of water and soap. Take off soiled clothing.
	Rinse immediately from eyes with plenty of water and take the patient to the doctor's.
	In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A
	UNCONSCIOUS PERSON. Contact a physician or poison information centre.
4.2	Most important symptoms and effects, both acute and delayed
	Skin contact may cause irritation.
4.3	Indication of any immediate medical attention and special treatment needed
	-
SECTI	ON 5: FIREFIGHTING MEASURES
5.1	Extinguishing media

SECTION 5: FIREFIGHTING MEASURES			
5.1	Extinguishing media		
	Powder, foam, sand or carbon dioxide.		
5.2	Special hazards arising from the substance or mixture		
	-		
5.3	Advice for firefighters		

SECTION 6: ACCIDENTAL RELEASE MEASURES 6.1 Personal precautions, protective equipment and emergency procedures Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legistlation.

6.4 Reference to other sections

-

6.3

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

7.3 Specific end use(s)

-

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Other limit values

DNEL

-

PNEC

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

_

Thermal hazards

_

Environmental exposure controls

-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Green liquid
Odour	Characteristic
Odour threshold	-
рН	-
Melting point / freezing point	-
Initial boiling point and boiling range	82-83°C (Isopropanol)
Flash point	13 °C (Isopropanol)
Evaporation rate	-
Flammability (solid, gas)	-

Trade nameSaunia Sauna scent Pine

Date: 21.8.2012 Former date: 24.5.2102

Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

.

SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity	
	-	
10.2	Chemical stability	
	Stabile under normal handling conditions.	
10.3	Possibility of hazardous reactions	
	-	
10.4	Conditions to avoid	
	-	
10.5	Incompatible materials	
	•	

10.6 Hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

-

Skin corrosion / irritation

-

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

Skin contact may cause allergic reaction.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

May cause dizziness.

STOT-repeated exposure

-

Aspiration hazard

_

Other information

-

SECTIO	N 12: ECOLOGICAL INFORMATION
12.1	Toxicity
	-
12.2	Persistence and degradability
	-
12.3	Bioaccumulative potential
	-
12.4	Mobility in soil
	-
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose according to local legislation.

SECTIO	ON 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
	33
14.4	Packing group
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water 1:100. Other use is prohibited.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	-
SECTIO	ON 15: REGULATORY INFORMATION

SECTIO	N 15: REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	-
15.2	Chemical safety assessment

-

SECTION 16: OTHER INFORMATION

Changes to previous version

updated previous version dated 24.5.2012

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Date: 21.8.2012 Former date: 24.5.2102

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317 May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

Training of employees.

-

X SAFETY DATA SHEET

Date: 30.5.2012 **Former date:** 24.5.2012

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name Sauna Sauna scent Smoke sauna

Company product code - REACH registration number -

1.2 Relevant identified uses of the substance or mixture and adviced against

The uses of the chemical Sauna scent

Classification of economic

activities

20.5 C 3 Manufacture of other chemical products

Use categories (UC62) 36 Fragrances

The chemical can be used by the general public $\hfill\Box$

The chemical is used by the general public only X

1.3 Details of the supplier of the safety data sheet

Manufacturer, importer, other undertaking

Manufactured for: Nikkarien OY

Street address Sarkatie 2
Post code and post office 01720 Vantaa

Post-office box

Post code and post office

Telephone +358 9 477 0150
e-mail address info@nikkarien.fi
Finnish Business ID (Y-code) Fl05731312

1.4 Emergency telephone number

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flam. liq. 2; H225: Highly flammable liquid and vapour.

Eye Irrit. 2; H319: Causes serious eye irritation.

STOT SE 3; H336: May cause drowsiness or dizziness.

F, Xi; R10, R36, R67

2.2 Label elements





DANGER

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.

P233: Keep container tightly closed.

P403+P235: Store in a well ventilated place. Keep cool.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P362: Take off contaminated clothing and wash before reuse.

Date: 30.5.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

P305 + P351 + P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

2.3 Other hazards

-

7.3

Specific end use(s)

3.1	Hazardous in	arodionte			
-	number and	Name of the	Concentration	Classification	
	istration	ingredient	Concentration	Classification	
number		ingrealent			
CAS: 67		Isopropanol	50-65%	F; R11-36-67	
CA3. 01	-03-0	isopioparioi	30-0376	Flam. Liq. 2, H225	
				Eye Irrit. 2, H319	
				STOT SE 3, H336	
8030-97	7-5 / 232-450-0	Pyroligneous	<5%%	-	1
	0 / 202 .00 0	acid	10,0,0		
					⊣
SECTIO	N 4: FIRST AID	MEASURES			
4.1		of first aid measu	res		
	•	alation: take the p			
				ake off soiled clothing.	
				nd take the patient to the doctor's.	
				T TO GIVE ANYTHING TO DRINK TO	Ο Α
				ITING. Contact a physician or poisor	
	centre.			comact a projectian or percen	
4.2		nt symptoms an	d effects, both acu	te and delaved	
	-				
4.3	Indication of	anv immediate n	nedical attention ar	nd special treatment needed	
	-	,			
SECTIO	N 5: FIREFIGHT	ING MEASURES			
5.1	Extinguishin				
U		or carbon dioxide	1		
5.2			the substance or m	ixture	
U.L	-	ac anomy nom	ino oubotunioo on in	intaio	
5.3	Advice for fir	efighters			
0.0	-	Cligitters			
SECTIO	N 6: ACCIDENT	AL RELEASE ME	EVELIDES		
6.1				emergency procedures	
0.1				quate ventilation. Keep away from he	at/enarke/anan
		faces – No smoki		quate ventilation. Reep away from he	ai/spaiks/operi
6.2		al precautions	ng.		
U.Z			eccing to the drain		
6.3			essing to the drain. tainment and clean	ing up	
0.5				e according to the local legistlation.	
6.4		other sections	and etc.) and dispose	e according to the local legistration.	
0.4	Reference to	Other Sections			
050510	-	AND 0700405			
		AND STORAGE			
7.1		for safe handling			
				es. Arrange adequate ventilation. Ke	
	•	pen flames/hot su	rtaces – No smoking	. Take precautionary measures again	st static
	discharges.				
7.2			ncluding any incon	patibilities	
	Tightly closed	in cool, well venti	lated room.		
7.2	rigitily closed	11 0001, 11011 10111			

Date: 30.5.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Other limit values

DNEL

PNEC

_

8.2 Exposure controls

Appropriate engineering controls

Arrange adequate ventilation.

Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Protective clothing.

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

-

Thermal hazards

-

Environmental exposure controls

-

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties		
	Appearance	Liquid	
	Odour	Characteristic	
	Odour threshold	-	
	рН	-	
	Melting point / freezing point	-	
	Initial boiling point and boiling range	82-83°C (Isopropanol)	
	Flash point	13 °C (Isopropanol)	
	Evaporation rate	-	
	Flammability (solid, gas)	-	
	Upper / lower flammability or explosive limits	-	
	Vapour pressure	-	
	Vapour density	-	
	Relative density	-	
	Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.	
	Partition coefficient: n-octanol/water	-	
	Auto-ignition temperature	-	

Date: 30.5.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

-

SECTIO	ON 10: STABILITY AND REACTIVITY
10.1	Reactivity
	•
10.2	Chemical stability
	Stabile under normal handling conditions.
10.3	Possibility of hazardous reactions
	-
10.4	Conditions to avoid
	-
10.5	Incompatible materials
	-
10.6	Hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

_

Skin corrosion / irritation

Serious eye damage / irritation

Irritates eyes seriously.

Respiratory or skin sensitisation

-

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

-

STOT-repeated exposure

_

Aspiration hazard

-

Other information

-

SECTION 12: ECOLOGICAL INFORMATION		
12.1	Toxicity	
	•	
12.2	Persistence and degradability	

Date: 30.5.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

	-
12.3	Bioaccumulative potential
	-
12.4	Mobility in soil
	-
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects
	-
SECTIO	N 13: DISPOSAL CONSIDERATIONS

SECTION 13: DISPOSAL CONSIDERATIONS 13.1 Waste treatment methods

Dispose according to local legislation.

SECTIO	ON 14: TRANSPORT INFORMATION
14.1	UN number
	1219
14.2	UN proper shipping name
	Isopropyl alcohol
14.3	Transport hazard class(es)
	33
14.4	Packing group
14.5	Environmental hazards
	-
14.6	Special precautions for user
	Product is to be used only diluted to water 1:100. Other use is prohibited.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	-

SECTIO	SECTION 15: REGULATORY INFORMATION	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	-	

15.2 Chemical safety assessment

•

SECTION 16: OTHER INFORMATION

Changes to previous version

updated previous version dated 24.5.2012

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.

P233: Keep container tightly closed.

P403+P235: Store in a well ventilated place. Keep cool.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P362: Take off contaminated clothing and wash before reuse.

Date: 30.5.2012 Former date: Virhe. Viitteen lähdettä ei löytynyt.

P305 + P351 + P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

Training of employees.

X SAFETY DATA SHEET

Description of first aid measures

Rinse immediately from eyes with plenty of water for at least 15 minutes. Wash off from skin with plenty of water and soap. Take off soiled clothing.

Date: 7.1.2021 **Former date:** 30.5.2012

			BSTANCE / MIXTU	IRE AND OF THE COMPANY / UNDERTAKING
1.1	Product ident	tifier		
	Trade name		Saunia Saunacl	ean
	Company pro	duct code	-	
		tration number	_	
	3			
1.2	Relevant iden	tified uses of the	substance or mixt	ure and adviced against
	The uses of t	he chemical	Detergent	
		of economic	•	acture of other chemical products
	activities	i or coonomio	20.0 0 0 Marian	acture of other oriential products
	Use categorie	es (UC62)	9 Washing- and	cleaning detergents
	The chemical	can be used by th	ne general public	
	The chemical	is used by the ge	neral public only	X
1.3		supplier of the sa		
		r, importer, other u for: Nikkarien OY	indertaking	
	Street addres	S	Sarkatie 2	
	Post code an	d post office	01720 Vantaa	
	Post-office bo	•		
	Post code an			
	Telephone	a poor oo	+358 9 477 01	50
	e-mail address		info@nikkarier	
		ness ID (Y-code)	FI05731312	1.11
	i iiiiiioii Buoii	1000 12 (1 0000)	1100701012	
1.4	Emergency telephone number			
	Poison Inform	nation Centre: Haart	tmaninkatu 4, 0029	0 Helsinki, 09-4711 or 09-471977
SECTION	N 2· HAZARDS	IDENTIFICATION		
2.1	Classification of the substance or mixture			
		according to CLP.		
2.2	Label elemen	40		
Z. Z	Laber elemen	15		
	-			
2.3	Other hazards			
	-			
SECTIO	N 3 : COMPOSI	TION / INFORMATI	ON ON INGREDIE	NTS
3.1	Hazardous in			
	number and	Name of the	Concentration	Classification
the regis	stration	ingredient		
CAS: 112	2-34-5	Butyl diglycol	<2%	Eye irrit. 2; H319
C. 10. 112		a.,. a.g., ooi		
SECTIO	N 4: FIRST AID	MEASURES		

Sivu 1

Date: Virhe. Viitteen lähdettä ei löytynyt.7.1.2021

lähdettä ei löytynyt. 30.5.2012

4.2 Most important symptoms and effects, both acute and delayed 4.3 Indication of any immediate medical attention and special treatment needed **SECTION 5: FIREFIGHTING MEASURES Extinguishing media** Powder, foam or carbon dioxide. Special hazards arising from the substance or mixture 5.2 5.3 Advice for firefighters **SECTION 6: ACCIDENTAL RELEASE MEASURES** Personal precautions, protective equipment and emergency procedures Use appropriate protective clothing: goggles and protective gloves. 6.2 **Environmental precautions** 6.3 Methods and material for containment and cleaning up Rinse to the drain with plenty of water. 6.4 Reference to other sections **SECTION 7: HANDLING AND STORAGE** Precautions for safe handling Use protective clothing, protective gloves and goggles. 7.2 Conditions for safe storage, including any incompatibilities No special storage conditions. 7.3 Specific end use(s) **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION** 8.1 Control parameters National occupational exposure limit values Other limit values **DNEL PNEC** 8.2 **Exposure controls** Appropriate engineering controls No special controls needed. Eye / face protection

Former date: Virhe, Viitteen

Wear appropriate protective goggles or mask if risk of splashes exist.

Skin protection

Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

Respiratory protection

Thermal hazards

Environmental exposure controls

Date: Virhe. Viitteen lähdettä ei löytynyt.7.1.2021

lähdettä ei löytynyt. 30.5.2012

Former date: Virhe. Viitteen

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	ECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1 Information on basic physical and chemical pro	Information on basic physical and chemical properties		
Appearance	Almost colourless liquid		
Odour	Almost odourless.		
Odour threshold	Not defined		
рН	Concentrate: approximately 7,5.		
Melting point / freezing point	Not defined.		
Initial boiling point and boiling range	Approximately 100°C.		
Flash point	Not defined.		
Evaporation rate	-		
Flammability (solid, gas)	-		
Upper / lower flammability or explosive limits	-		
Vapour pressure	-		
Vapour density	-		
Relative density	1000 kg/m³ (15°C)		
Solubility(ies)	Totally soluble in water.		
Partition coefficient: n-octanol/water	Not defined.		
Auto-ignition temperature	Not defined.		
Decomposition temperature	Not defined.		
Viscosity	Not defined.		
Explosive properties	No explosion hazard.		
Oxidising properties	-		

		mation
9.2		

-

SECTIO	SECTION 10: STABILITY AND REACTIVITY		
10.1	Reactivity		
	-		
10.2	Chemical stability		
	Stabile under normal handling conditions.		
10.3	Possibility of hazardous reactions		
	-		
10.4	Conditions to avoid		
	-		
10.5	Incompatible materials		
	-		
10.6	Hazardous decomposition products		

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Date: Virhe. Viitteen lähdettä ei löytynyt.7.1.2021

lähdettä ei löytynyt. 30.5.2012

Skin corrosion / irritation

Not irritation.

Serious eye damage / irritation

No irritation.

Respiratory or skin sensitisation

Not sensitisative.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No carsinogenic effects.

Reproductive toxicity

No effects.

STOT-single exposure

STOT-repeated exposure

Aspiration hazard

No aspiration hazard.

Other information

No need to classify according to CLP.

SECTION 12: ECOLOGICAL INFORMATION	
12.1	Toxicity
	Not toxic.
12.2	Persistence and degradability
	•
12.3	Bioaccumulative potential
	•
12.4	Mobility in soil
	No information available.
12.5	Results of PBT and vPvB assessment
	-
12.6	Other adverse effects
	-
SECTIO	ON 13: DISPOSAL CONSIDERATIONS

Former date: Virhe. Viitteen

13.1 Waste treatment methods

Dispose according to local legislation.

SECTION 14: TRANSPORT INFORMATION		
14.1	UN number	
	-	
14.2	UN proper shipping name	
	Detergent concentrate.	
14.3	Transport hazard class(es)	
	-	
14.4	Packing group	
	-	
14.5	Environmental hazards	
	-	
14.6	Special precautions for user	
	-	
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
	_	

Date: Virhe. Viitteen lähdettä ei löytynyt.7.1.2021 Former date: Virhe. Viitteen

lähdettä ei löytynyt. 30.5.2012

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- The substance of the

SECTION 16: OTHER INFORMATION

Changes to previous version

Old classifications removed.

Explanation of abbreviations

-

Sources of information

Material safety data sheets of raw materials, literature sources.

Used method in classification

Corollary rules. Literature.

Training of employees.

-