

Trade name: Sauna scent: Birch leaves, Eucalyptus, Tarr, Pine, Citron, Mint, Honey-Herbs, Smoke sauna
Date: 21.12.2001 (**Last date:** 01.10.2000)

SAFETY DATA SHEET

INFORMATION FORM FOR CHEMICALS
DATA

1. IDENTIFICATION OF SUBSTANCE AND OF THE MANUFACTURER, IMPORTER OR OTHER UNDERTAKING

1.1 Identification of substance

Trade name

SAUNIA Sauna Scent: Birch leaves
Eucalyptus
Tarr
Pine
Citron
Mint
Honey-Herbs
Smoke sauna

1.2 Identification of manufacturer/supplier

1.2.1 Manufacturer or supplier

Nikkarien Oy

1.2.2 Street/P.O.BOX

Sarkatie 2

Country code/Postal code/Town/City

01720 Vantaa

Telephone:

+358 9 4770 150

Telefax

+358 9 4770 1560

VAT-Identification number

FI0573131-2

1.2.3 Emergency information

Tel.:+358 9 4711, +358 9 471977 or +358 9 2414392

HYKS, Myrkytystietokeskus (24h), Stenbäckinkatu 11, 00290 Helsinki, Finland

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Identification

Sauna scent consists of 2-propanol and a watery mixture of diluted scented oils. The scent oil consists of natural ethereal oils, natural aroma compounds plus natural aroma compounds and man-made aroma compounds.

2.2 Hazardous components

2.2.1 CAS-number or other code	2.2.2 Name of the ingredient	2.2.3 Concentration	2.2.4 Warning Symbol, R phrases and other data on the ingredient
67-63-0	2-propanol Essence or ethereal oil	50-65-vol-% 5-15 vol-%	F, Xi, R:11-36-67 R:10-38 ?

3. HAZARDS IDENTIFICATIONS

Highly flammable. Irritate eyes. The steam may cause drowsiness and dizziness.
Irritate skin.

4. FIRST-AID MEASURES

4.1 General

-

4.2 Inhalation

-

4.3 Skin contact

The product is absorbed from the skin by porous paper. Exposed skin areas can be washed with lukewarm water.

4.4 Eye contact

Rinse eyes with lots of water. Go to the doctor.

4.5 Ingestion

-

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water, foam, sand, dry chemical powder

5.2 Unsuitable extinguishing media

-

5.3 Special exposure hazards in a fire

-

5.4 Special protective equipment

-

5.5 Other instruction

-

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

-

6.2 Environmental precautions

-

6.3 Methods of cleaning up/collecting

-

6.4 Other instruction

-

7. HANDLING AND STORAGE

7.1 Information for safe handling

-

7.2 Requirements to be met by storerooms and containers

-

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure limit values

8.1.1 HTPvalues

2-Propanol: 200 ppm/8h, 250 ppm/15 min

8.1.2 Other limit values

-

8.1.3 Limit values in other countries

-

8.2 Exposure controls

8.2.1 Occupational exposure controls

-

8.2.2 Respiratory protection

-

8.2.3 Hand protection

-

8.2.4 Eye protection

Use safety glasses

8.2.5 Skin protection

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information (physical state, colour and odour)

It is a mobile and strong smelling liquid with a clear to dark brown colour.

9.2	Relevant health, safety and environmental information	
9.2.1	pH	
9.2.2	Boiling point/ range:	T
9.2.3	Flash point	2-Propanol: 12 C ⁰ (Abel)
9.2.4	Flammability (solid/gas)	-
9.2.5	Explosive properties	-
9.2.6	Explosive limits	a) lower explosive limit b) Upper explosive limit
9.2.7	Oxidising properties	-
9.2.8	Vapour pressure	-
9.2.9	Relative density	-
9.2.10	Solubility	
	a) Water solubility	
	The product's 2-propanol fraction is fully soluble in water; the aroma oil fraction is distinguishable on the mixture's surface.	
	b) Fat solubility	
	The product's 2-propanol and scent composition fractions are soluble in fat, at the same time the water fraction is distinguishable.	
9.2.11	Partition coefficient: octanol/water	-
9.2.12	Viscosity	-
9.2.13	Other information	-
10.	STABILITY AND REACTIVITY	
10.1	Conditions to avoid	-
10.2	Materials to avoid	-
10.3	Hazardous decomposition products	-
11.	TOXICOLOGICAL INFORMATION	
11.1	Acute toxicity	-
11.2	Irritation and corrosiveness	Irritate eyes. Irritate skin.
11.3	Sensitisation	-
11.4	Sub-acute, sub-chronic and prolonged toxicity	-
11.5	Empirical data on effects on humans	The steam may cause drowsiness and dizziness.
11.6	Other information on health effects	-
12.	ECOLOGICAL INFORMATION	
12.1	Persistence and degradability	
12.1.1	Biodegeration	-
12.1.2	Chemical degradtion	-
12.2	Bioaccumulative potential	-
12.3	Other adverse effects	
12.4	Ecotoxicity	
12.4.1	Aquatic toxicity	-
12.4.2	Toxicity to other organisms	

-
12.5 Mobility
-

13. DISPOSAL CONSIDERATIONS

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14. TRANSPORT INFORMATION

14.1 UN-Number 2-Propanol: 1219

14.2 Packing group 2-Propanol: PG II

14.3 Land transport ADR/RID

14.3.1 Class 2-Propanol: VAK 3, 3 b

14.3.2 Kemlercode 2-Propanol: 33

14.3.3 Name according to bill SAUNIA Sauna scent

14.3.4 Other information -

14.4 Maritime transport IMDG/GGVSEA

14.4.1 IMDG-code 2-Propanoli: IMO 3.2

14.4.2 Proper technical name SAUNIA Sauna scent

14.4.3 Other information -

14.5 Air transport ICAO-TI and IATA-DGR

14.5.1 ICAO/IATA-class 2-Propanoli: 3

14.5.2 Proper technical name SAUNIA Sauna scent

14.5.3 Other information -

15. REGULATORY INFORMATION

15.1 Information on the warning label according to EEC directives

15.1.1 Danger symbol and danger designation

F Highly flammable

Xi Irritating

15.1.2 Names of the ingredients given on the warning label

-

15.1.3 R-Phrases

R11 Highly flammable

R36 Irritate eyes

R38 Irritate skin

R67 The steam may cause drowsiness and dizziness.

15.1.4 S-phrases

S2 Keep out of childrens reach.

S7 Keep container tightly closed

S16 Keep away from sources of ignition – No smoking

S24 Avoid contact with skin

S25 Avoid contact with eyes

S26 Exposed skin areas can be washed with lukewarm water.

Go to the doctor.

15.2 National regulatory information

16. OTHER INFORMATION

16.1 Purpose of use

16.1.1 In written form:

The sauna scent is to be diluted in water. For use in Finnish type saunas, the air is scented by throwing water, into which the product has been diluted, onto the heated sauna stove.

16.1.2 Purpose of use (code)

TOL1: 246

KT1: 35

TOL2:

KT2:

TOL3:

KT3:

TOL4:

KT4:

16.2 Instruction on use:

Before use, the product is to be diluted into the lukewarm water, which is meant for the sauna stove, by a ratio of at least 1 part Sauna scent to 100 parts water. Use for other purposes is prohibited.

16.3 Futher Information

16.4 Sources of key data used

The 2-propanol manufacturer has prepared a safety use bulletin 19.9.1997.

A resolution by the Ministry of Social Affairs and Health, on hazardous materials 1059/1999.

Scent oil manufacturer's has prepared a safety data sheet 01.10.2000.

Scent oil manufacturer's empirical information.

Print date 11.3.2008

Signature

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