

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 representative/downstream user/distributor) Nikkarien Oy
 VAT: FI05731312
 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)

				LD ₅₀ : >2000 mg/kg (skin, rabbit)
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4. First aid measures

4.1 Description of first aid measures

Following inhalation:	Move person to fresh air and hold in a resting position where it is easy to breathe.
Following skin contact:	IF CHEMICAL CONTACTS SKIN: Wash with plenty of water and soap. Remove and wash contaminated clothing before reuse.
Following eye contact:	IF CHEMICAL CONTACTS EYES: Rinse thoroughly with water for several minutes. Remove contact lenses if you can do so easily. Continue rinsing. If eye irritation persists: See a doctor.
Following ingestion:	IF CHEMICAL IS SWALLOWED: Rinse mouth, drink plenty of water. DO NOT DRINK ANYTHING TO AN UNCONSCIOUS. Don't throw up. Contact a POISON INFORMATION CENTER/doctor
Ensis Self-protection of the first aider:	-

4.2 Most important symptoms and effects, both acute and delayed

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4.3 Indication of any immediate medical attention and special treatment needed

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5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Powder, foam or carbon dioxide.
Unsuitable extinguishing media:	-

5.2 Special hazards arising from the substance or mixture

Combustible.

5.3 Advice for firefighters

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

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

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

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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.
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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:**Hand protection:**

Recommended protective glove materials: NBR rubber. Replace protective gloves when signs of wear are observed.

Wear impervious protective clothing.

Other skin protection**8.2.2.3 Respiratory protection**

If the ventilation is not sufficient, use a respirator (EN 143).

8.2.2.4 Thermal hazards

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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.
pH	N/A.
Kinematic viscosity mm ² /s	62-75 mm ² /s (40°C)
Solubility	Insoluble in water. Soluble in alcohols.
Vapour pressure	< 0,01 hPa (20°C)
Density and/or relative density	0,86-0,88 g/cm ³ (15°C)
Relative vapour density	N/A.

9.2 Other information**9.2.1. Information with regard to physical hazard**

Temperature class
(EU, ATEX): T3

9.2.2. Other safety characteristics

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10. Stability and Reactivity**10.1 Reactivity**

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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 1272/2008**

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**12.1 Toxicity**

LL₅₀: >10 000 mg/l (96 h) Leuciscus Idus

LL₅₀: >100 mg/l (48 h) Daphnia Magna

12.2 Persistence and degradability

Biodegradation:

Not easily biodegradable.

12.3 Bioaccumulative potential

N/A

12.4 Liikkuvuus maaperässä

N/A

12.5 Results of PBT and vPvB assessment

N/A

12.6 Endocrine disrupting properties

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12.7 Other adverse effects

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12.8 Additional information

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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 instruments		-

15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None

15.2 Chemical Safety Assessment

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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.

