

Date: 11.3.2014

Revision Date:

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Identification of the substance or preparation

Trade Name
Softcare Wood Oil

Code
Reach registration number

1.2. Use of the chemical

The intended uses of the chemical

Coating of wooden furniture

Standard industrial classification 310

Use categories 61

The chemical can be used by the general public

The chemical is used by the general public only

1.3. Identification of the manufacturer, importer or other undertaking

Manufacturer, importer, other undertaking

Oy Soft Protector Ltd

Street address Nupurintie 4

Postal code 02820 Espoo

Post-office box PL 100

Postal code 02761 Espoo

Telephone number +358 9 887 0430

Telefax +358 9 853 7302

Email info@softcare.fi

Y-code 0834157-1

1.4. Emergency telephone

Your local poisoning center

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) No1272/2008; Flammable liquids (Category 3), Skin irritation (Category 2), Aspiration toxicity (Category 1), Aquatic Chronic (Category 2)

According to European Directive 67/548/EEC as amended; Harmful. Dangerous for the environment.

2.2 Label elements

Pictogram



Signal word Danger

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P331 + P315 IF SWALLOWED: Do NOT induce vomiting. Get immediate medical attention.
P403 Store in a well-ventilated place.

Xn Harmful
N Dangerous for the environment



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R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
S2	Keep out of reach of children.
S23	Do not breath vapour.
S24	Avoid contact with skin.
S62	If swallowed do not induce vomiting: seek medical advice immediately and show this container or label.

2.3 Other hazards

EUH066 Repeated exposure may cause skin dryness on cracking

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

CAS-No., EC-No., Index-No.	Ingredient	Concentration	Classification
64742-82-1, 265-185-4	Naphtha (petroleum)	60-100 %	Asp. Tox. 1;H304; Flam. Liq. 3;H226; Aquatic Chronic 2;H411; R10, N; R51/53 Xn;R65, R66
138-86-3, 205-341-0	Limonene	< 3 %	Skin Irrit. 2;H315; Aquatic Acute 1; Aquatic Chronic 1;H410; Flam. Liq. 3;H226; Skin Sens. 1;H317; Xi; R38, R10, R43 N; R50/53

4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

In case of skin contact

IF ON SKIN: Wash with plenty of Soap and water. If skin irritation or rash occurs: Get medical advice/attention.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

5.1. Suitable extinguishing media

Foam, dry powder or water spray

5.2. Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.3. Further information

Use water spray to cool surfaces exposed to the fire, and protect personnel.
The product will burn with a fierce flame and evolve much smoke

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours can accumulate in low areas. Take off contaminated clothing and wash before reuse.

6.2. Environmental precautions

Avoid release to the environment. Collect spillage, prevent further leakage if safe to do so.

6.3. Methods and materials for containment and cleaning up

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Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Protect from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure limit values

HTP-values

Other limits

Naphtha (petroleum), STEL (Short term exposure limit, 15 min) 600 mg/m³,
Long term (8hrs TWA), 350mg/m³

DNEL

PNEC

8.2. Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

Hand protection

Handle with gloves.

Eye protection

Face shield and safety glasses

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good hygiene and safety practice. Do not smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General information

Appearance	light brown liquid
Odour	Oil
Flashpoint	41 °C
Explosion limits	Lower explosion limit 0.6 % (V), upper 8.0 % (V)
Vapour density	Heavier than air
Relative density	0.82
Solubility	Soluble in hydrocarbon solvents.
Volatile Organic Compound (VOC)	700 g/litre (max.)

9.2. Other information

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Heat, flames and sparks.

Materials to avoid

Oxidizing agents, concentrated acids and alkalis.

Hazardous decomposition products

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Hazardous decomposition products formed under fire conditions. - Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Naphtha (petroleum): LD₅₀ (oral, rat) 5000 mg/kg, LD₅₀ (dermal, rabbit) 3160 mg/kg
Limonene: (oral, rat) 4400 mg/kg, LD₅₀ (dermal, rabbit) >5000 mg/kg

Skin corrosion/irritation

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Serious eye damage/eye irritation

May cause serious eye irritation.

Respiratory or skin sensitization

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Specific target organ

Skin, Eyes, Respiratory system, lungs

Specific target organ toxicity - repeated exposure

Potential health effects

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Signs and Symptoms of Exposure

Additional Information

12. ECOLOGICAL INFORMATION

Toxicity

Naphtha (petroleum):	EC ₅₀ (Daphnia magna, water flea, 48h)	10-22 mg/l
	EC ₅₀ (Chaetogammarus marinus, crustacean, 48h)	2,6 mg/l
	LC ₅₀ (fish, 96h)	100 mg/l
	LC ₅₀ (algae, 72h)	4,1 mg/l
Limonene:	EC ₅₀ (Daphnia magna, water flea, 48h)	20 mg/l
	LC ₅₀ (Oncorhynchus mykiss, rainbow trout, 96h)	80 mg/l

Persistence and degradability

Product is expected to slowly biodegrade

Bioaccumulative potential

Mobility in soil

PBT and vPvB assessment

Other adverse effects

Toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

14. TRANSPORT INFORMATION

14.1. ADR/RID

UN-number:	1263
Class:	3 (Flammable liquids)
Packing group:	III
Tunnel Restriction code:	(D/E)
Proper shipping name:	Paint (white spirit)

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14.2. IMDG
UN-number: 1263
Class: 3
Packing group: III
Marine pollutant: Yes
EMS: F-E, S-E
Proper shipping name: Paint (white spirit)



14.3. IATA
UN-number: 1263
Class: 3
Packing group: III
Proper shipping name: Paint (white spirit)

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. OTHER INFORMATION

Text of H-code(s) and R-phrase(s)

Asp. Tox.	Aspiration toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Flam. Liq.	Flammable liquids
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
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
H351	Suspected of causing cancer
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
Xi	Irritant
Xn	Harmful
N	Environmental hazard
R10	Flammable
R38	Irritating to skin
R43	May cause sensitization 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
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking

Further information

The above information is believed to be correct but not all inclusive and shall be used only as a guide. The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.