

Date: 2.2.2014

Revision Date: 13.7.2004

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Identification of the substance or preparation****Trade Name**

Softcare Antistatic for furniture

Code**Reach registration number****1.2. Use of the chemical****The intended uses of the chemical**

Prevention and removal of static electricity from textiles

Standard industrial classification

133, 812

Use categories

7 Antistatics

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 2), Eye irritation (Category 2), Specific target organ toxicity - single exposure (Category 3)

According to European Directive 67/548/EEC as amended; Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

2.2 Label elements**Pictogram****Signal word**

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.

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

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

F	Highly flammable
Xi	Irritant
R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.
S 7	Keep container tightly closed.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other hazards – none**3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous ingredients**

CAS-No., EC-No., Index-No.	Ingredient	Concentration	Classification
67-63-0 603-117-00-0	Isopropyl alcohol	> 90 %	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3; H225, H319, H336 F, Xi, R11 - R36 - R67

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	Wash off with soap and plenty of water. Consult a physician.
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**
For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
- 5.2. Special protective equipment for fire-fighters**
Wear self contained breathing apparatus for fire fighting if necessary.

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. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- 6.2. Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
- 6.3. Methods and materials for containment and cleaning up**
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. Take measures to prevent the build up of electrostatic charge.
- 7.2. Conditions for safe storage**
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Exposure limit values**

HTP-values	
Isopropyl alcohol	HTP-value 8 h, 200 ppm, 500 mg/m ³ HTP-value 15 min, 250 ppm, 620 mg/m ³

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. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. 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 industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. General information**

Appearance	colourless liquid
Odour	alcohol-like
Melting point	-89,5 °C
Boiling point	82,5 °C
Flashpoint	12 °C
Explosion limits	Lower explosion limit 2 % (V), upper 12,7 % (V)
Vapour pressure	4,32 kPa (20,0 °C), 5,87 kPa (25,0 °C)
Density	830 kg/m ³
Solubility	Water soluble
Partition coefficient: n-octanol/water	log Pow: 0,05
Ignition temperature	425 °C

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, Acid anhydrides, Aluminium, Halogenated compounds, Acids
Hazardous decomposition products	In fire: Carbon oxides

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Isopropyl alcohol:	LD ₅₀ (Oral - rat) > 4400 mg/kg
	LD ₅₀ (Dermal - rabbit) > 12800 mg/kg

Skin corrosion/irritation

Skin - rabbit - Mild skin irritation

Serious eye damage/eye irritation

Eyes - rabbit - Eye irritation - 24 h

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

May cause damage to organs.

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be harmful if inhaled. May cause respiratory tract irritation.
Vapours may cause drowsiness and dizziness.

Ingestion

May be harmful if swallowed.

Skin

May be harmful if absorbed through skin. May cause skin irritation.

Eyes

Causes eye irritation.

Signs and Symptoms of Exposure

Central nervous system depression, prolonged or repeated exposure can cause:, Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects.

Additional Information RTECS: NT8050000

12. ECOLOGICAL INFORMATION**Toxicity**

Toxicity to fish	LC ₅₀ (Pimephales promelas, fathead minnow, 96h)	9640 mg/l
Toxicity to aquatic invertebrates	EC ₅₀ (Daphnia magna, water flea, 24h)	5102 mg/l
Toxicity to algae	EC ₅₀ (Desmodesmus subspicatus, green algae, 72h)	> 2000 mg/l

Persistence and degradability no data available

Bioaccumulative potential no data available

13. DISPOSAL CONSIDERATIONS**Product**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1. ADR/RID**

UN-number: 1219
Class: 3
Packing group: II
Proper shipping name: ISOPROPANOL

14.2. IMDG

UN-number: 1219
Class: 3
Packing group: II
Marine pollutant: No
Proper shipping name: ISOPROPANOL

14.3. IATA

UN-number: 1219
Class: 3
Packing group: II
Proper shipping name: ISOPROPANOL

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)**

Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
STOT SE	Specific target organ toxicity - single exposure
F	Highly flammable
Xi	Irritant
R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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.