

Safety Data Sheet

according to 1907/2006/EC, Article 31

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

Identification of the substance/mixture

Isokor Antigraffiti 1000ml, 5000ml

Use of the substance/mixture

Hydrophobic coating against dirt

Manufacturer: ISOKOR Ltd

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2. Hazards identification

Classification

Classification according to Directives 67/548/EEC or 1999/45/EC: does not meet the criteria for classification.

The most important adverse effects on human health and environment when using the product:

During spraying, drops of aerosol can cause irritation to the airways.

The product is not subject to compulsory labelling of products, based on the calculation method of Directive of the EC on classification of dangerous substances in its final valid version.

Classification System:

Classification is in accordance with the up-to-date EC directives. However, data from specialized literature and undertaking data were amended.

Label Elements

Labelling according to EEC directives:

Usual precautions for handling of chemicals must be followed. According to EC directives/regulation on dangerous substances, it is not necessary to label the product.

Other hazards: not found.

3. Composition/information on ingredients

Chemical characteristics (of the mixture)

Description: Mixture of alkanes and surfactans in water

Contained hazardous substances:

Nonionic surfactants Proportion: <1,5% Xn R22, Xi R41

For the full text of R-phrases, see section 16.

Paraffin Proportion: 12 - 18% CAS: 8002-74-2

Substance with the exposure limit of EC.

4. First Aid Measures

General Instructions:

Take off immediately all contaminated clothing. If symptoms persist, seek medical attention.

Inhalation:

Remove victim to fresh air. If you feel unwell, seek medical attention immediately.

Skin Contact:

Immediately wash with water and soap. Rinse thoroughly.

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Contact with eyes:

Rinse opened eyes for at least 5 minutes under running water.

Ingestion

Do not induce vomiting. Seek medical attention immediately.

Special instructions for physician:

No other relevant information available.

5. Firefighting Measures

Suitable Extinguishing Media

Carbon dioxide, dry chemical, water spray

Special hazards arising from the substance or mixture itself, combustion products, resulting gases

May produce hazardous toxic gases or fumes if burning

Advice for firefighters

Wear protective respirator with independent air supply in case of fire.

Further instructions

Dispose of combustion residues and contaminated extinction water according to local official regulations.

6. Accidental release measures

Personal precautions

Do not approach the contaminated area. Stay on the windward side. Extremely slippery when spilt.

Environmental precautions

In case of penetration into water sources or drainage, contact authorities in charge. Prevent drainage penetration, groundwater and surface water penetration.

Methods and material for containment and cleaning up

Soak up with an inert absorbent material and dispose of as hazardous waste.

Reference to other sections

For information on safe handling see section 7.

For information on personal protective equipment see section 8.

7. Handling and storage

Handling

Precautions for safety handling

Keep the container hermetically closed.

Precautions on protection against fire or explosion

No special precautions.

Storage

Storage spaces and containers

Store in polyolefin containers.

Instructions on storage with other products

Keep away from oxidizing agents.

Further storage instructions

Protect from freezing. Recommended storage temperature: 5 - 35°C

8. Exposure controls/personal protection

Control parameters

Components of the controlled values related to workplace

8002-74-2 Paraffin

Permissible exposure limit (PEL) marginal PEL: 6mg/m³

Average PEL: 2mg/m³

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General safety and hygiene measures

It is essential to follow the usual precautions for handling of chemicals.

Respiratory protection: necessary only when aerosol or mist is produced.

Recommended filtration machine for short-term use: A/P2

Eye protection: Wear protective glasses

Hand protection: Wear protective gloves made of butyl-caoutchouc or nitril-caoutchouc

Thickness of plastic: 0,40mm Breakthrough time: > 480min.

Skin protection (i.e. body protection): protective clothing and protective footwear

9. Physical and chemical properties

General information

Physical state: liquid

Colour: milky white

Odour: weak, characteristic

Change in condition

Melting point/ distillation rate: 0°C

Boiling temperature/ boiling range: 100°C

Selfignition temperature: not applicable

Flash point: not applicable

pH (at 20°C) = cca 7

Lower explosive limit: not applicable

Upper explosive limit: not applicable

Vapour pressure (at 20°C): 23hPa

Density (at 20°C) = 0,97 - 0,99 g/cm³

10. Stability and reactivity

Conditions to avoid

The product is stable when respecting the instructions for use.

Incompatible materials

Strong oxidizers

Hazardous decomposition products

Does not decompose when respecting the instructions for use

11. Toxicological Information

Acute toxicity

LD50/oral/rat = 8000 mg/kg

Skin irritation/corrosion

Light irritation of skin and eyes may occur, regarding the composition of the product.

Sensibility: No effects known.

Further toxicological information

As follows from the final valid version of EC general classification directives, labelling of this product is not necessary.

According to our experience and the information we are provided with, the product is not hazardous to health when handled and used correctly.

During spraying, in case of insufficient ventilation, drops of aerosol can cause irritation of airways. Please respect the instructions mentioned in section 8 under any circumstances.

12. Ecological information

Toxicity for aquatic organisms

LC50 fish (mg/l)

20 (Vertebrata)

Persistence and degradability:

No other relevant data available.

Bioaccumulation:

No other relevant data available.

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Ecotoxic effects

Behaviour in wastewater treatment plant:

EC-50 > 200mg/l (Activated sediment)

Elimination > 70% (OECD 302B)

Further ecological data

Chemical oxygen demand (COD) value: 1710 mg/g

Biochemical oxygen demand (BOD) value: 430 mg/g

According to composition, the product contains the following heavy metals and compounds listed in Directive 2006/11/EC:

Does not contain any concentrations of metals and therefore is not a burden for sewage waters.

13. Disposal considerations

Waste treatment methods

Recommendation:

Having taken into consideration regulations on special waste and having processed the waste previously, transport it to an incineration house designated for this purpose.

Contaminated containers

Recommendation: Dispose of according to local regulations.

Recommended cleaner: Water or water mixed with detergent

14. Transport information

Transport by road/rail (ADR/RID):

Class ADR/RID

Transport by sea IMDG:

Class IMDG: -

Transport by air ICAO-TI and IATA-DGR:

Class ICAO/IATA-DGR: -

Transport/further data: According to the regulations mentioned above, transportation of the mixture is not hazardous.

15. Regulatory information

Labelling according to EC directives

Usual precautions of handling of chemicals must be followed.

According to EC directives/regulation on hazardous substances, labelling of the product is not necessary.

16. Other information

The data are based on our present knowledge. However, they shall not constitute a guarantee of any properties of the product and establish no contract legal rights.

Full text of R-phrases referred to section 3

22 Harmful if swallowed.

41 Risk of serious damage to eyes