



SAFETY DATA SHEET (91/155/EC)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

* Product name:

SPRAY WAX

* Supplier:

LIBERON

Mountfield Ind Est

New Romney

Kent, TN28 8XU

Tel: 0044 (0)1797 367555

Fax: 0044 (0)1797 367575

* Emergency phone number (to be used by the practising doctor):

UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation name:

SPRAY WAX

Description of the preparation:

Contains: DIMETHYL ETHER

Component(s) contributing to the health hazard:

None according to EC directives.

* Preparation name:

3. HAZARDS IDENTIFICATION

Most important hazards:

Extreme risk of explosion by fire, shock, friction, and other sources of ignition.

Vapour / air mixture is flammable.

Specific hazards:

Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

4. FIRST AID MEASURES

General advice:

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

For symptom description, see item 11.

Inhalation:

Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.

If unconscious, place in the recovery position and seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.

Eye contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Ingestion:

Rinse mouth, drink a lot of water, do not induce vomiting, keep quiet, and go immediately to hospital or to a doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

alcohol-resistant foam, carbon dioxide (CO₂), powder, water spray.

Extinguishing media which must NOT be used for safety reasons:

Do not use water jet.

Specific method(s):

Cool closed containers exposed to fire with water spray.

Specific fire hazard(s):

Be careful of explosion risk.

Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Fire will produce dense black smoke.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s):

Evacuate personnel to a safe area.

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

Environmental precaution(s):

Prevent liquid from entering sewers, watercourses, underground or foundations.

Method(s) for cleaning up:

Contain and collect spillage's with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth

Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7. HANDLING AND STORAGE

Handling

- Precaution(s):

Smoking, eating and drinking should be prohibited in areas of use.

Avoid contact with skin and eyes.

For personal protection, see Section 8.

The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.

- Technical condition(s):

The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.
Electrical equipment should be protected to the appropriate standard.

* Storage

- Precaution(s):

No smoking. Prevent unauthorised access.

- Storage condition(s):

Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Store at temperatures between 5°C and 25°C

- Separation of incompatible product(s):

Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

- Packaging / tank material:

made of the same material as the supply container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s):

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If this is not sufficient to maintain concentrations of particles and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

Control parameter(s):

- Exposure limit(s):

Dimethyl Ether - see EH40see item NR 2 - possibly

Personal protection equipment:

- Respiratory protection:

In order to avoid inhalation of mist/vapour, all spraying must be done wearing adequate respirator for organic vapour.

- Hand protection:

Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

- Skin and body protection:

Cotton or cotton/synthetic overalls or coveralls are normally suitable.

- Eye protection:

Eye protection designed to protect against liquid splashes should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state / form: aerosol: liquid / compressed gas

Colour: off-white

Odour: pleasant
pH: 9.5
Boiling point/range: Not determined.
Flash point: <0
Auto-ignition temperature: 350°C
Explosion limits: 3 -18.6 volume %
Vapour pressure: 4.3 (20°C) - 9.1 (50°C)
Relative density (water = 1): 1 g / cm³
Viscosity: Not determined.
Water solubility: partly miscible
Fat solubility: completely soluble
Solvent solubility: completely miscible

10. STABILITY AND REACTIVITY

Stability:

Stable under the recommended storage and handling conditions. (See Section 7).

Condition(s) to avoid:

Avoid temperature above 30 °C
Heating will cause rise in pressure with risk of bursting.

Material(s) to avoid:

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

Hazardous decomposition products:

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide ...

11. TOXICOLOGICAL INFORMATION

General information(s):

There is no data available on the product itself.

Acute toxicity:

- Inhalation:

narcotic effects

- Skin contact:

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

- Eyes contact:

Splashes in the eyes may cause irritation and reversible local damage.

- Ingestion:

Alcohol ingestion increases toxic product effects.

12. ECOLOGICAL INFORMATION

General information(s):

There is no data available on the product itself.

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

Environmental toxicity:
Ecological problems are not known or expected under normal use.

- Toxicity to fish:
WGK 1 (D)

13. DISPOSAL CONSIDERATIONS

Waste / unused products:
Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.
Collect all waste in suitable and labelled containers and dispose according to local legislation.

Contaminated packaging:
Empty containers can be dumped according to local legislation.

14. TRANSPORT INFORMATION

General information(s):
Transport followed ADR, IMDG, IATA
UN No. 1950
Land (Road / Railway: ADR/RID)
- class: 2
- item and letter: 2.5 F
Sea (IMDG)
- IMO class: 2
- proper shipping name: AEROSOL
- EMS number: 2-13
- MFAG number: 620
Air (ICAO/IATA)
- ICAO/IATA class: 2.1
- proper shipping name: AEROSOLS

15. REGULATORY INFORMATION

Labelling:
According to European directives on classification, packaging and labelling of dangerous substances (67 / 548 / EC and 88 / 379 / EC)

EC number: Not applicable.
Symbol(s): F+ - Extremely flammable

R-phrase(s):
R 12
Extremely flammable.

S-phrase(s):
S 2
Keep out of the reach of children.
S 23
Do not breathe gas / fumes / vapour / spray.

Further information(s):
Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

16. OTHER INFORMATION

According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations
no.: 91 / 155 / EC

Important remarks:

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The user is always responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation

it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).

History

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