

SAFETY DATA SHEET

EXTREME VARNISH

Review date: 20/03/07

91/155/EC (2001/58/EC) - ISO 11014-1

Version: 5-1

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

Product name: EXTREME VARNISH

Uses or/and applications: wood care

Product code nr: 140

Supplier: LIBERON Ltd
Mountfield Industrial Estate - NEW ROMNEY
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UK

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B - Centre Antipoisons Tél: 070 / 245.245

2. HAZARDS IDENTIFICATION

Most important hazards: Repeated exposure may cause skin dryness or cracking
Flammable.

Specific hazards: Repeated and prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Formula: FOVIE23

Component(s) contributing to the hazard:

- ALKYD RESIN
Conc. wt. (%): 70 < C <= 80 - R-phrased(s): 10-66
- NAPHTA LOURD PETROLE HYDROTRAITE
Conc. wt. (%): 10 < C <= 15 - Symbol(s): Xn - R-phrased(s): 65-66
- NAPHTA HYDROTRAITE PT EBU BAS
Conc. wt. (%): 10 < C <= 15 - Symbol(s): Xn - R-phrased(s): 10-65-66
- CARBOXYLATE DE COBALT(2+) - CAS no: 68409-81-4
Conc. wt. (%): 0 < C <= 1 - Symbol(s): Xn - R-phrased(s): 22-38-43
- 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime - CAS no: 96-29-7 - EC no: 202-496-6
Conc. wt. (%): 0 < C <= 1 - Classification: •Carc. Cat. 3; R40•Xn; R21•Xi; R41•R43•

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: Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.
If skin irritation persists, take medical advice.

Eye contact: Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.

Ingestion: Do not induce vomiting.
Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.

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5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media: dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂), water spray, sand, earth.
- Extinguishing media which must NOT be used for safety reasons: Do not use a solid water stream as it may scatter and spread fire.
- Specific method(s): Provision to contain effluent from fire extinguishing.
Cool closed containers exposed to fire with water spray.
- Specific fire hazard(s): Vapours are heavier than air and spread above ground.
In case of fire, product decomposes in: carbon oxides (CO and CO₂) and smokes.
Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.
- Special protective equipment for fire-fighters: Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES

- Personal precaution(s): Evacuate personnel to a safe area.
Remove all sources of ignition.
Be careful to flashback of fire.
Ensure adequate ventilation.
Avoid contact with skin, eyes, or clothing.
Concerning personal protective equipment to use, see item 8.
- Environmental precaution(s): Stop leak without risks if possible.
Dike and contain spill.
Prevent product from entering drains.
Do not allow material to contaminate ground water system.
Concerning disposal elimination after cleaning, see item 13.
- Method(s) for cleaning up: Scoop spilled material, and gather remainder carefully.
Soak up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel).
Shovel into suitable and closed container for disposal.
Dispose as hazardous waste.

7. HANDLING AND STORAGE

- Handling:
- Precaution(s): Vapours may form flammable mixture with air.
Do not eat, drink and do not smoke in areas where product is used.
Shower, eyes shower and water point in proximity.
Avoid all eyes and skin contact and do not breathe vapour and mist.
Wear personal protective equipment (see item 8).
 - Technical condition(s): The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.
Avoid static electricity discharges.
Ventilation along floor.
 - Safe handling advice(s): Opened containers must be carefully closed and kept upright to avoid leakage.
Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.
Open container carefully to avoid spurling.
- Storage:
- Precaution(s): Store in a place accessible by authorized persons only.
Keep container tightly closed and in a well-ventilated place.
 - Technical condition(s): Waterproof underground retention basin.

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- Storage condition(s): Keep container tightly closed and at a temperature not exceeding (°C): 50 °C
Keep away from sources of ignition - No smoking.
Store away from direct sunlight or other heat sources.
Keep container in a well ventilated place.
 - Separation of incompatible product(s): Keep away from: strong acids, strong bases and oxidizing compounds.
 - Packaging / tank material: stainless steel, mild steel.
 - Unsuitable packaging materials: Avoid certain plastics which are soluble in product.
Rubbers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s): Ensure adequate ventilation, especially in confined areas.
Ensure adequate ventilation, especially in confined areas.

Control parameter(s):

- Exposure limit(s): None

Personal protection equipment:

- Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment (breathing apparatus with filter A)
- Hand protection: nitrile rubber gloves
- Skin and body protection: Solvent-resistant apron and boots
- Eye protection: safety glasses or face shield

Hygiene measure(s): Do not eat, drink, or smoke during work.
Keep away from food, drink and animal feed.
Keep workplace clean and tidy as much as possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

- Physical state / form: liquid
- Colour: various
- Odour: characteristic

Important health, safety and environmental information:

- PH: Not applicable.
- Boiling point/range: 155-200°C
- Flash point: 38° C
- Auto-ignition temperature: 200°C
- Decomposition temperature: 200°C
- Explosion limits: 0.6 % (V/V) < vapours < 6.5 % (V/V)
- Vapour pressure: < 110 kPa
- Relative density (water = 1): 0.8<d<0.9
- Viscosity: Not determined.
- Water solubility: immiscible
- Fat solubility: partly soluble
- Solvent solubility: soluble in most organic solvents

10. STABILITY AND REACTIVITY

Stability: Stable in use and storage conditions as recommended in item 7.

Condition(s) to avoid: None under normal use.

Material(s) to avoid: Avoid certain plastics which are soluble in product.

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

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11. TOXICOLOGICAL INFORMATION

Acute toxicity:

- Inhalation: Irritating to the respiratory system, may cause throat pain and cough. Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
- Skin contact: Components of the product may be absorbed into the body through the skin. Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.
- Eyes contact: Liquid splashes in the eye may cause irritation (pain, redness)
- Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Susceptible to induce: oedema of the lungs, heavy breathing difficulty, dizziness.

Specific effect(s): Use of alcoholic beverages may enhance toxic effects.

12. ECOLOGICAL INFORMATION

General information(s): There is no data available on the product itself.

Persistence and degradability: Product has only a limited biodegradability in soil and water.

Environmental toxicity: This substance may be hazardous to the environment.

Other adverse effects: None

13. DISPOSAL CONSIDERATIONS

Waste / unused products: Collect all waste in suitable and labeled containers and dispose according to local legislation.
Can be recycled.
Do not dispose of waste into sewer.
Destruction by incineration / pyrolyse. 02

Contaminated packaging: Do not burn, or use a cutting torch on the empty drum.
Dirty containers cannot be handle as normal waste.

Further Information(s): None

14. TRANSPORT INFORMATION

General information(s): Transport followed ADR, IMDG, and IATA

UN N°: 1263

Land (Road / Railway: ADR/RID) - Class: 3
- Verpakkingsgroep: III

Sea (IMDG): - Class: 3

Air (ICAO/IATA): None

15. REGULATORY INFORMATION

Labeling: According to European directives on classification, packaging and labeling of dangerous substances 67/548/ EC. Using the calculation method 88/379/ EC.
EC number: Not applicable.

Symbol(s): None according to EC directives.

R-phrase(s): 10 Flammable.
66 Repeated exposure may cause skin dryness or cracking

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S-phrase(s): 2 Keep out of the reach of children.
29 Do not empty into drains.
51 Use only in well-ventilated areas.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Further information(s): Contains CARBOXYLATE DE COBALT(2+), 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime. May produce an allergic reaction.

16. OTHER INFORMATION

According legislation(s): This safety data sheet is in compliance with directives and adaptings: 91/155, 67/548, 88/379

Important remarks: Information in this safety data sheet is based on actual knowledge in our possession and our experience.
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.

Uses or/and applications: wood care

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

History:

- First edition date: 12/03/97
- Previous revision date: 02/02/06
- Review date: 20//03/07
- Version: 5-1
- Review chapter(s) n°: 1/16

Written by: V33