

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

Product name: POLYURATHANE THINNERS

CAS number: 64742-82-1

EINECS number: 265-185-4

Product code: S180

Synonyms: LOW BOILING POINT HYDROGEN TREATED NAPHTHA

Company name:

Elmbridge Supplies Company

Unit 20

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Hempsted

Gloucester

GL2 5FD

sales@elmbridgesuppliesuk.com

2. HAZARDS IDENTIFICATION

Main hazards: Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY >90%

EINECS: 265-185-4 CAS: 64742-82-1

[T] R46; [Xn] R65; [-] R10; [N] R51/53

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention immediately. Continue to rinse.

Ingestion: Immediately rinse mouth and drink plenty of water. Get medical attention. Provide rest, warmth and fresh air.

Inhalation: Remove to fresh air. Get medical attention if any discomfort continues.

[cont...]

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5. FIRE-FIGHTING MEASURES

Extinguishing media: foam, Carbon dioxide. extinguishing powder

Exposure hazards: Oxides of carbon

Protection of fire-fighters: Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation of spray mist and contact of skin and eyes. Provide adequate ventilation

Environmental precautions: Do not discharge into drains or rivers. Spillages or uncontrolled discharges into watercourses

must be IMMEDIATELY alerted to the environmental Agency or other appropriate regulatory body.

Clean-up procedures: absorb with liquid binding materials, sand dolomite, acid binders, universal binders, sawdust

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits

WEL (8 hr TWA): 1ppm (SK)

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection: Neoprene gloves.

Eye protection: Wear approved safety goggles. Ensure eye bath is to hand.

Skin protection: Rubber apron. Rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Solubility in water: Slightly soluble

Viscosity: 0.757 (CS deg C)

Boiling point/range°C: 150-200 deg C

Melting point/range°C: -24

Flammability limits %: lower: 1
upper: 9

Flash point°C: 38 deg C

Autoflammability°C: 480 deg C

Vapour pressure: 10.00@ 20 deg c

[cont...]

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Relative density: 0.778 15

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat, flames and sparks.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: The product has poor water-solubility

Persistence and degradability: this product is difficult to biodegrade

Bioaccumulative potential: May be accumulated in organism

Other adverse effects: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: This material and container must be disposed of as a CONTROLLED WASTE. This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local of national Disposal Regulations.

Disposal of packaging: Drain container thoroughly. After draining, vent in safe place away from sparks and fire.

Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.

Send to drum recoverer or metal reclaimer.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1300 **ADR Class:** 3

Packing group: III **Classification code:** F1

Shipping name: TURPENTINE SUBSTITUTE (Low boiling point hydrogen treated naphtha;)

Labelling: 3 **Hazard ID no:** 30

IMDG / IMO

UN no: 1300 **Class:** 3

[cont...]

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Packing group: III **EmS:** F-E,S-E

Marine pollutant: .

Labelling: 3

IATA / ICAO

UN no: 1300 **Class:** 3

Packing group: III

Packing instructions: 309(P&CA); 310(CAO)

Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Dangerous for the environment.

Risk phrases: R10: Flammable.

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.

Safety phrases: S2: Keep out of the reach of children.

S23: Do not breathe gas/fumes/vapour/spray.

S24: Avoid contact with skin.

S43: In case of fire, use alcohol resistant foam , carbon dioxide or dry powder. never use water

S57: Use appropriate container to avoid environmental contamination.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Haz. ingredients (label): Low boiling point hydrogen treated naphtha

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R46: May cause heritable genetic damage.

R65: Harmful: may cause lung damage if swallowed.

[cont...]

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R10: Flammable.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Solvents With Safety Ltd shall not be held liable for any damage resulting from handling or from contact with the