

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

Product name: ADOSHIELD

Use / description of product: Corrosion inhibitor for metal parts

Company name: Adomast Building Chemicals Ltd

Unit G

Lea Road Trading Estate

Waltham Abbey

Essex

EN9 1AE

Tel: 01992 710684

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PENTACHLOROETHANE 1-10%

EINECS: 200-925-1 CAS: 76-01-7

[Xn] R40; [T] R48/23; [N] R51/53

• XYLENE 1-10%

EINECS: 215-535-7 CAS: 1330-20-7

[-] R10; [Xn] R20/21; [Xi] R38

• CUMENE <1%

EINECS: 202-704-5 CAS: 98-82-8

[-] R10; [Xi] R37; [N] R51/53; [Xn] R65

• MESITYLENE 1-10%

EINECS: 203-604-4 CAS: 108-67-8

[-] R10; [Xi] R37; [N] R51/53

• 1,2,4-TRIMETHYLBENZENE 1-10%

EINECS: 202-436-9 CAS: 95-63-6

[-] R10; [Xn] R20; [Xi] R36/37/38; [N] R51/53

• STRAIGHT RUN Kerosine - Solvent Naphtha (Petroleum), Medium Aliph.

50-70%

EINECS: 265-191-7 CAS: 64742-88-7

[Xn] R65; [Xi] R38; [N] R51/53

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Irritating to skin. Limited evidence of a carcinogenic effect. Toxic: danger of serious damage to health by prolonged exposure through inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

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.

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Ingestion: There may be irritation of the throat. There may be vomiting and diarrhoea.

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

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: PENTACHLOROETHANE

WEL (8 hr exposure limit): 42 mg/m³ WEL (15 min exposure limit): 168 mg/m³

- XYLENE

WEL (8 hr exposure limit): 220 mg/m³ WEL (15 min exposure limit): 441 mg/m³

- CUMENE

WEL (8 hr exposure limit): 125 mg/m³ WEL (15 min exposure limit): 250 mg/m³

- MESITYLENE

WEL (8 hr exposure limit): 25 ppm

- 1,2,4-TRIMETHYLBENZENE

WEL (8 hr exposure limit): 100 mg/m³ WEL (15 min exposure limit): 200 mg/m³

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.
Eye protection: Safety glasses.
Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid
Colour: Dark brown
Odour: Sweet hydrocarbon
Solubility in water: Insoluble
Also soluble in: Petroleum ether.
Viscosity: Low viscosity liquid
Flash point°C: 38
Relative density: 0.86

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Heat. Flames.
Materials to avoid: Strong oxidising agents. Strong acids.
Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: PENTACHLOROETHANE
ORL RAT LD50 920 mg/kg
SCU RBT LDLO 700 mg/kg

- XYLENE
ORL MUS LD50 2119 mg/kg
ORL RAT LD50 4300 mg/kg
SCU RAT LD50 1700 mg/kg
- CUMENE
ORL MUS LD50 12750 mg/kg
ORL RAT LD50 1400 mg/kg
- MESITYLENE
IPR GPG LDLO 1303 mg/kg
- 1,2,4-TRIMETHYLBENZENE
IPR RAT LDLO 1752 mg/kg
ORL RAT LD50 5 gm/kg

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

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.
Persistence and degradability: Not biodegradable.
Bioaccumulative potential: Bioaccumulation potential.
Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of via an authorised person / licensed waste disposal contractor in accordance with local regulations.

See accidental release measures

Waste code number: 16 03 03*

Disposal of packaging: Any special regulatory disposal status or provisions applicable to the product may also apply to empty containers or packaging if they contain, or are impaired with residual material -

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

Labelling: 3

Hazard ID no: 30

**IMDG / IMO**

UN no: 1300

Class: 3

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: Dangerous for the environment.

Toxic.



Risk phrases: R10: Flammable.

R38: Irritating to skin.

R40: Limited evidence of a carcinogenic effect.

R48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation.

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

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environment.

R65: Harmful: may cause lung damage if swallowed.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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.

S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

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.2: R40: Limited evidence of a carcinogenic effect.
R48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R10: Flammable.
R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to skin.
R37: Irritating to respiratory system.
R65: Harmful: may cause lung damage if swallowed.
R20: Harmful by inhalation.
R36/37/38: Irritating to eyes, respiratory system and skin.

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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.