

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

Product name: ADDITIVE O
Product code: F 1986
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2. HAZARDS IDENTIFICATION

Main hazards: Harmful if swallowed. Causes burns. May cause sensitisation by skin contact. Very toxic to aquatic organisms.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: 2-OCTYL-2H-ISOTHIAZOL-3-ONE 30-50%
EINECS: 247-761-7 CAS: 26530-20-1
[Xn] R22; [T] R23/24; [C] R34; [Sens.] R43; [N] R50/53
• 1,2-PROPYLENE GLYCOL 50-70%

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

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.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: 2-OCTYL-2H-ISOTHIAZOL-3-ONE

WEL (8 hr TWA): 0.05 mg/m³ WEL (15 min STEL): 0.05 mg/m³

- 1,2-PROPYLENE GLYCOL

WEL (8 hr TWA): 474 mg/m³ (150ppm)

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow

Odour: Sweet-smelling

Flash point°C: >100°C

Relative density: 1.03 @20°C(g/cm3)

pH: n/a

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: 2-OCTYL-2H-ISOTHIAZOL-3-ONE

ORL RAT LD50 550 mg/kg

SKN RBT LD50 690 mg/kg

Chronic toxicity: May cause sensitisation by skin contact.

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: Biodegradable.

Bioaccumulative potential: No data available.

Other adverse effects: Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

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: 2922

ADR Class: 8

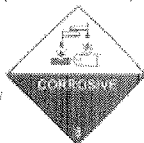
Packing group: III

Classification code: CT1

Shipping name: CORROSIVE LIQUID, TOXIC, N.O.S. (2-OCTYL-2H-ISOTHIAZOL-3-ONE)

Labelling: 8+6.1

Hazard ID no: 86



IMDG / IMO

UN no: 2922

Class: 8

Packing group: III

EmS: F-A,S-B

Marine pollutant: .

[cont...]

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Labelling: 8+6.1

IATA / ICAO

UN no: 2922

Class: 8

Packing group: III

Subsidiary risk: 6.1

Packing instructions: 818(P&CA); 820(CAO)

Labelling: 8+6.1

15. REGULATORY INFORMATION

Hazard symbols: Dangerous for the environment.

Corrosive.



Risk phrases: R22: Harmful if swallowed.

R34: Causes burns.

R43: May cause sensitisation by skin contact.

R50: Very toxic to aquatic organisms.

Safety phrases: S23: Do not breathe aerosol.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of soap and water.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

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

S60: This material and its container must be disposed of as hazardous waste.

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

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 §.3: R22: Harmful if swallowed.

R23/24: Toxic by inhalation and in contact with skin.

R34: Causes burns.

R43: May cause sensitisation by skin contact.

R50/53: Very 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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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