



SAFETY DATA SHEET
XSTREAM DEICER

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Issued: 18/06/2003

Revision No: 4

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

Product name: XSTREAM DEICER

Product code: DI750M

Use / description of product: Flammable. Liquid.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: ETHANOL MIXTURE 30-60%

CAS: 64-17-5

[F] R11;

Ingredient 2: ETHANDIOL 10-30%

CAS: 107-21-1

[Xn] R22;

Ingredient 3: ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT <10%

[Xi] R36/38;

Ingredient 4: PINK COLOUR <10%

[Xn] R22; [C] R34;

Contains: The above information refers only to ingredients that are hazardous.

3. HAZARDS IDENTIFICATION

Main hazards: Flammable.

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be pain and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea. There may be loss of consciousness. Convulsions may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness. Convulsions may occur.

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. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist

[cont...]

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examination.

Ingestion: Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol resistant foam.

Exposure hazards: Flammable. 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: Eliminate all sources of ignition. 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: Mix with sand or vermiculite. If inside, transfer outside of building in suitable containers. For small spills, absorb on to paper and allow to evaporate in a fume cupboard. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pink

Odour: Alcoholic

Oxidising: Non-oxidising (by EC criteria)

Flash point°C: 28

Relative density: 0.968 @ 20 C**pH:** n/a**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Sources of ignition.**Materials to avoid:** Oxidising agents.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION****Mobility:** Soluble in water.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.**Disposal of packaging** Dispose of as normal industrial waste.**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:** 1987**ADR Class:** 3**Hazard ID no:** 30**Labelling:** 3**Shipping name:** ALCOHOLS, N.O.S. (ethanol mixture)**IMDG / IMO****UN no:** 1987**Class:** 3**Packing group:** III**EmS:** 3-06**Marine pollutant:** .**Labelling:** 3**IATA / ICAO****UN no:** 1987**Class:** 3**Packing group:** III**Packing instructions:** 310**Quantity** 220 L**Labelling:** 3

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15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Risk phrases: R10: Flammable.

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

S16: Keep away from sources of ignition - No smoking.

S46: If swallowed, seek medical advice immediately and show this container or label.

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. ADDITIONAL INFORMATION

Risk phrases used in s.2: R11: Highly flammable.

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R34: Causes burns.

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.