



SAFETY DATA SHEET

XSTREAM G48

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Revision No: 11

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

Product name: XSTREAM G48
Product code: XSG*L
Company name: Comma Oil & Chemicals Ltd.
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2. HAZARDS IDENTIFICATION

Main hazards: Harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ETHYLENE GLYCOL >60%
EINECS: 203-473-3 CAS: 107-21-1
[Xn] R22

- 2-ETHYLHEXANOIC ACID, SODIUM SALT 1-5%
EINECS: 243-283-8 CAS: 19766-89-3
[Xn] R63
- DISODIUM TETRABORATE PENTAHYDRATE; BORAX PENTAHYDRATE <1%
CAS: 12179-04-3
[Xi] R41; [T] R60; [T] R61

Contains: Hazardous ingredients present at or above regulatory disclosure limits

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. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

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

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

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.

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 the formation or spread of mists in the air. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ETHYLENE GLYCOL

WEL (8 hr TWA): 52 mg/m³ WEL (15 min STEL): 104 mg/m³

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Green-blue

Odour: Odourless

Solubility in water: Soluble

Boiling point/range°C: 170

Flash point°C: > 120

Relative density: 1.122 @ 20 C

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: ETHYLENE GLYCOL
IVN RAT LD50 3260 mg/kg
ORL MUS LD50 5500 mg/kg
ORL RAT LD50 4700 mg/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: No data available.

Bioaccumulative potential: No data available.

13. DISPOSAL CONSIDERATIONS

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: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



Risk phrases: R22: Harmful if swallowed.

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

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

Haz. ingredients (label): ETHYLENE GLYCOL

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.

[cont...]

16. OTHER INFORMATION

Risk phrases used in s.3: R22: Harmful if swallowed.
R63: Possible risk of harm to the unborn child.
R41: Risk of serious damage to eyes.
R60: May impair fertility.
R61: May cause harm to the unborn child.

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.