

# SAFETY DATA SHEET

HA56

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

**Product name:** HA56

**Use / description of product:** Biodispersant and surfactant for use in evaporative cooling systems and process waters.

**Company name:** Howlett Associates Water Treatment Ltd

Challenge House

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Croydon

CR0 3AA

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Contains:** Surfactants and wetting agents.

## 3. HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.

## 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 difficulty swallowing.

**Inhalation:** Liquid product, Inhalation unlikely.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Immediately wash with soap and water.

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

**Ingestion:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water. Carbon dioxide. Dry chemical powder.

**Exposure hazards:** In combustion emits toxic fumes. In combustion emits toxic fumes of nitrogen oxides.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** 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:** Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

[cont...]

**7. HANDLING AND STORAGE**

**Storage conditions:** Keep container tightly closed.

**Suitable packaging:** Polyethylene.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Colourless

**Odour:** Perceptible odour

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Relative density:** 1.00 - 1.05

**pH:** 7 - 8

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

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

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** HA56

ORL RAT LD50 >2000 mg/kg

**12. ECOLOGICAL INFORMATION**

**Mobility:** Soluble in water.

**Persistence and degradability:** Biodegradable.

**Other adverse effects:** Harmful to aquatic organisms.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Disposal should be carried out by licenced contractors.

**Disposal of packaging:** Containers must be disposed of in a safe way.

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

**14. TRANSPORT INFORMATION**

**ADR / RID**

**IMDG / IMO**

**IATA / ICAO**

**15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Safety phrases:** S24/25: Avoid contact with skin and eyes.

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.

**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**

**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.