

SAFETY DATA SHEET

HA50

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Revision No: 1

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

Product name: HA50

Use / description of product: Commercial Grade Precommission Cleaner. Harmful. Liquid.

Company name: Howlett Associates Water Treatment Ltd

Challenge House

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Croydon

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Tel: 020 82398865

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: SODIUM NITRITE <10%

CAS: 7632-00-0

EINECS: 231-555-9

[O] R8; [T] R25; [N] R50;

Contains: A blend of co-polymers and polyacrylates.

3. HAZARDS IDENTIFICATION

Main hazards: Harmful if swallowed.

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.

Ingestion: Nausea and stomach pain may occur. There may be vomiting. 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 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.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

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: 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. 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.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory protection: No specific recommendations, but respiratory protection may be required under exceptional circumstances.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Relative density: 1.103-1.150

pH: 9-11

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Acids.

11. TOXICOLOGICAL INFORMATION

Ingredients: SODIUM NITRITE
ORL MUS LD50 175 mg/kg
ORL RAT LD50 180 mg/kg
SCU RAT LD50 96600 µg/kg

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Other adverse effects: Do not allow concentrated product to enter rivers or water courses. Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

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

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: Harmful.



Risk phrases: R22: Harmful if swallowed.

Safety phrases: S1/2: Keep locked up and out of the reach of children.

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.

S36/37: Wear suitable protective clothing and gloves.

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

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: R8: Contact with combustible material may cause fire.

R25: Toxic if swallowed.

R50: Very toxic to aquatic organisms.

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.