

SAFETY DATA SHEET
MERCURIC THIOCYANATE IN IMS

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

Product name: MERCURIC THIOCYANATE IN IMS

Product code: MTIMS

Use / description of product: Liquid. Highly flammable. Harmful The regulatory information is dependent upon the concentration limit of the specific substance.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: RAW MERCURIC THIOCYANATE <10%

CAS: 592-85-8

EINECS: 209-773-0

[T+] R26/27/28; [-] R32; [Xn] R33;

Ingredient 2: RAW INDUSTRIAL METHYLATED SPIRIT >90%

[F] R11; [Xn] R20/22;

3. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation, in contact with skin and if swallowed. Highly flammable.

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. Corneal burns may occur.

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.

[cont...]

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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 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. 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. Smoking is forbidden. Avoid direct contact with the substance.

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. Ensure safety shower is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Characteristic odour

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Sources of ignition.

Materials to avoid: Oxidising agents.

11. TOXICOLOGICAL INFORMATION

Ingredient 1: RAW MERCURIC THIOCYANATE

ORL RAT LD50 46mg/kg

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Transfer to waste solvent drum for collection by specialist disposal company.**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:** 1993**ADR Class:** 3**Hazard ID no:** 33**Labelling:** 3**Shipping name:** FLAMMABLE LIQUID, N.O.S.**IMDG / IMO****UN no:** 1993**Class:** 3.3**Packing group:** III**EmS:** 3-07**Marine pollutant:** YES**Labelling:** 3**IATA / ICAO****UN no:** 1993**Class:** 3**Packing group:** III**Packing instructions:** 310**Quantity:** 220 L**Labelling:** 3**15. REGULATORY INFORMATION****Hazard symbols:** Harmful.

Highly flammable.

**Risk phrases:** R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R11: Highly flammable.

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

S36: Wear suitable protective clothing.

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

S24: Avoid contact with skin.

S36: Wear suitable protective clothing.

Note: The regulatory information given above only indicates the principal regulations

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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: R26/27/28: Very toxic by inhalation, in contact with skin and if swallowed.

R32: Contact with acids liberates very toxic gas.

R33: Danger of cumulative effects.

R11: Highly flammable.

R20/22: Harmful by inhalation and if swallowed.

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.