

SAFETY DATA SHEET
PROTEIN INDICATOR REAGENT

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

Product name: PROTEIN INDICATOR REAGENT

Product code: PIR

Use / description of product: No significant hazard. Liquid.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: DLS PROTEIN INDICATOR REAGENT >90%

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 soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

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

Ingestion: If conscious, give 1 pint of water to drink immediately.

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

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Dry chemical powder. Carbon dioxide. Foam Do not use vapourising liquids.

Exposure hazards: Decomposes to emit acrid smoke and irritating fumes. Combustible.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not allow large quantities to enter local drainage systems

Clean-up procedures: Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance.

Storage conditions: Keep container tightly closed. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection: Protective gloves.

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Eye protection: Safety goggles. Face-shield.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Viscous liquid.

Colour: Colourless

Odour: Odourless

Viscosity: Viscous

Oxidising: Non-oxidising (by EC criteria)

Evaporation rate: Slow

Solubility in water: Highly soluble

pH: 7

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Oxidising agents.

Haz. decomp. products: When heated to decomposition emits acrid smoke and irritating fumes.

11. TOXICOLOGICAL INFORMATION**12. ECOLOGICAL INFORMATION**

Mobility: Non-volatile.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of as normal industrial waste.

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: : none

IMDG / IMO**IATA / ICAO****15. REGULATORY INFORMATION**

Hazard symbols: No significant hazard.

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

S24/25: Avoid contact with skin and eyes.

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

[cont...]

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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.