

SAFETY DATA SHEET

P3

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

Product name: P3

Product code: RD2303

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: NITRIC ACID <10%

CAS: 7697-37-2

EINECS: 231-714-2

[O] R8; [C] R35;

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. Corneal burns may occur.

Ingestion: There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips.

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. Transfer to hospital for specialist examination.

Ingestion: If conscious, give 1 pint 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.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water ONLY

Exposure hazards: In combustion emits toxic fumes. May ignite combustible material

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

[cont...]

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection: Protective gloves.

Eye protection: Safety goggles. Face-shield.

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

TWA (8 hr exposure limit): 5 (NITRIC ACID)

STEL (15 min exposure limit): 10 (NITRIC ACID)

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourness to pale yellow

Odour: Odourless

Viscosity: Non-viscous

Oxidising: Non-oxidising (by EC criteria)

Evaporation rate: Negligible

Solubility in water: Miscible in all proportions

pH: 0-1

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Direct sunlight.

Materials to avoid: Bases.

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

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water. 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**

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 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.

R35: Causes severe burns.

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.