

# SAFETY DATA SHEET

NITRATE REAGENT 1

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

**Product name:** NITRATE REAGENT 1

**Product code:** RP1021

**Use / description of product:** No significant hazard. For use in small quantities, for water analysis.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** ORTHOPHOSPHORIC ACID <10%

CAS: 7664-38-2

EINECS: 231-633-2

[C] R34;

## 3. HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** No symptoms.

**Eye contact:** No symptoms.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

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

**Ingestion:** Do not induce vomiting.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water. Water spray.

**Protection of fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

**Handling requirements:** Ensure there is sufficient ventilation of the area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Wear laboratory coat

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

[cont...]

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**10. STABILITY AND REACTIVITY****11. TOXICOLOGICAL INFORMATION**

**Ingredient 1:** ORTHOPHOSPHORIC ACID...100%  
ORL RAT LD50 1530mg/kg

**12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Flush liquors to drain, local regulations permitting, or send to a waste water treatment plant.

**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 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**

**Additional information:** The information contained within this MSDS is based on bulk quantities. The user should bear in mind the reduced hazard associated with the small quantities normally associated with test kit reagents, and adjust their responses accordingly.

**Risk phrases used in s.2:** R34: Causes 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.