

# SAFETY DATA SHEET

NITRATE NO.2 TABLETS

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

**Product name:** NITRATE NO.2 TABLETS

**Product code:** RC5394

**Use / description of product:** Solid.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** RAW CADMIUM <10%

[Xn] R20/21/22; [Xn] R40;

**Ingredient 2:** ZINC POWDER - ZINC DUST (PYROPHORIC) <10%

CAS: 7440-66-6

EINECS: 231-175-3

[-] R15; [-] R17;

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Limited evidence of a carcinogenic effect.

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

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water. Carbon dioxide.

**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.

[cont...]

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**Environmental precautions:** Do not discharge into drains or rivers.

**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.

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Solid

**Colour:** Grey

**Odour:** Odourless

**Solubility in water:** Slightly soluble

**pH:** 3

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Direct sunlight. Heat.

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

**11. TOXICOLOGICAL INFORMATION**

**Effects of exposure** Nausea.

**Routes of exposure** May cause cancer by ingestion.

**Ingredient 1:** RAW CADMIUM

ORL RAT LD50 225mg/kg

**12. ECOLOGICAL INFORMATION**

**Mobility:** Soluble in water.

**Persistence and degradability:** Only slightly biodegradable.

**Bioaccumulative potential:** Slightly bioaccumulable.

**Other adverse effects:** Harmful to aquatic organisms.

**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

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**IMDG / IMO**

**IATA / ICAO**

**15. REGULATORY INFORMATION**

**Hazard symbols:** Harmful.



**Risk phrases:** R40: Limited evidence of a carcinogenic effect.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

R40: Limited evidence of a carcinogenic effect.

R15: Contact with water liberates extremely flammable gases.

R17: Spontaneously flammable in air.

**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.