1. Product and Company Identifaction

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Product Name Metal Polishing Preparations EG

Part Number RXSOL-31-3028-294

Company Details:

RXSOL CHEMO PHARMA INTERNATIONAL 356 TTC INDUSTRIAL AREA MIDC PAVNE, NEW BOMBAY 400709 INDIA

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Email 123@rx-sol.com/

2. Composition / Information on ingredients

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Name of Substance	CAS Number	EC Number	Weight
Sodium Gluconate	527-07-1	208-407-7	40260%
Ethylenediaminetetraacetic acid	60-00-4	200-449-4	20?30%
Sodium Bicarbonate	144-55-8	205-633-8	10220%

3. Hazards Identification

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Signal Word Warning

Potential Chronic Health Effects

Hazard Statements H319 Causes serious eye irritation.

Slightly hazardous in case of skin contact (sensitizer). CARCINOGENIC EFFECTS: Not available. MUTAGENIC available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance

upper respiratory tract, skin, eyes. Repeated or prolonged exposure to the substance can produce target organs damage

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact Precautionary statements - response

lenses, if present and easy to do. Continue rinsing.

4. First Aid Measures

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General Note Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and

off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advi

unconsciousness place person in the recovery position. Never give anything by mouth.

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 1: Eye Contact

water may be used. Get medical attention.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing

Thoroughly clean shoes before reuse. Get medical attention if irritation develops and persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get med

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unco

Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear. Serious

available.

5. Fire-fighting Measures

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Flammability Non-flammable. Flash Point Not applicable.

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Emits Na2O fumes when heated to decompositon. Hazardous combustion

products

Explosion Hazards in Presence of

Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product static discharge: Not available.

Sodium carbonate can ignite and burn fiercely in contact with fluoride. Sodium Carbonate in contact with fluorine Special Remarks on Fire Hazard

ordinary temperature with incandescence.

Advice for firefighters In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings

firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fir

precautions from a reasonable distance.

6. Accidental Release Measures

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Small Spillage Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the resid

solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to loc

authority requirements.

Personal Protection Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilatio

danger area, observe emergency procedures, consult an expert.

Environmental Precaution Do not let product enter drains.

Methods and materials for

containment and cleaning

Large Spill

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up

properly. Clean up affected area. Avoid generation of dusts.

Use a shovel to put the material into a convenient waste disposal container. Neutralize the residue with a dilute solution

Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

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Handling and Precaution Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable

equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin

away from incompatibles such as acids.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F).

Advice on general occupational

hygiene

Change contaminated clothing. Wash hands after working with substance.

8. Exposure controls and personal protection

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Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recomme

limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants belo

limit.

Personal Protection Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Exposure Limits: Particulate Not Otherwise Classified:

ACGIH

10 mg/m³ - Inhalable particulate 50 mppcf* or 15 mg/m³ - Total Dust 3 mg/m³ - Respirable particulate 15 mppcf* or 5 mg/m³ - Respirable Fraction

Other Protection Measure

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid it product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

OSHA





Gloves Suit

9. Physical and chemical properties

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Form Powder

Colour White

Odour Odourless

Solubility Soluble in water
pH (1% Solution) Slightly Acidic

Boiling Point Not Applicable

Flash Point Not Applicable

Explosive limits Not explosive Materials

Vapour pressure Not Applicable
Vapour Density Not Applicable
Viscosity Not Applicable
Partition coefficient Not Determine

Explosive properties None

Flamibility Solid / Gas This Product is not Flammable

10. Stability and reactivity

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Reactivity No data available Stability Product is stable.

Possibility of hazardous reactions Aluminium, Alkaline earth metals, organic nitro compounds, Fluorine, Alkali metals, nonmetallic

oxides, conc. sulfuric acid.

Conditions to avoid No Information Available

Incompatible materials Strong oxidising and reducing agents

Hazardous combustion No information Available.

products

11. Toxicological information

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Route of Entry Inhalation. Ingestion

Toxicity to Animals WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSU

toxicity (LD50): 4090 mg/kg [Rat]. Acute toxicity of the dust (LC50): 1200 mg/m3 2 hours [Mouse].

Chronic Effects on Humans

May cause damage to the following organs: upper respiratory tract, skin, eyes.

Other Toxic Effects on Humans

Hazardous in case of skin contact (irritant), of ingestion, of inhalation (lung irritant).

Special Remarks on Toxicity to

Animals

LDL (Lowest Published Lethal Dose) [Man] - Route: Oral; Dose: 714 mg/kg

Special Remarks on Chronic Effects May cause adverse reproductive effects based on animal test data on Humans

on Humans

Special Remarks on other Toxic

Effects on Humans

Acute Potential Health Effects: Skin: Causes skin irraskin), and duration of exposure. Eyes: Causes eye ir

Acute Potential Health Effects: Skin: Causes skin irritation with possible burns depending on the concentration, site (al skin), and duration of exposure. Eyes: Causes eye irritation and possible burns. Concentrated solutions may cause per injury (permanent corneal opacity). Ingestion: Sodium carbonate ingestion may cause irritation of the digestive tr nausea, vomiting, diarrhea, thirst, abdominal pain depending on concentration and amount ingested.

May also affect the cardiovascular system . Inhalation: Dust may cause respiratory tract and mucous membrane irritation and shortness of breath (dyspnea), pulmonary edema. Chronic Potential Health Effects: Chronic inhalation may resupulmonary function, nasal congestion, nosebleeds, perforation of the nasal septum. Other effects of chronic expectation and ulceration, and gastrointestinal complaints. However, the effects of chronic exposure seem to be reversitis decreased.

12. Ecological information

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Toxicity Toxicity to fish :static test LC50 Lepomis macrochirus (Bluegill sunfish): 300 mg/l; 96 h (ECHA)

Toxicity to daphnia and other aquatic invertebrates semi-static test EC50 Ceriodaphnia dubia (water flea): 220 - 227 mg

Process of degradability The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential Partition coefficient: n-octanol/water.Not applicable

Mobility in soil No Information available.

Results of PBT and vPvB assessment Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No

1907/2006, Annex XIII.

Other adverse effects Discharge into the environment must be avoided.

13. Disposal considerations

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Waste treatment

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original mixing with other waste. Handle uncleaned containers like the product itself.

14. Transport information

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DOT Classification Not a DOT controlled material (United States).

TDG Not regulated IATA Not regulated IMDG/IMO No regulated IMDG/IMO No regulated Identification Not Applicable Special Provisions for Transport Not Applicable

15. Regulatory information

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Chemical safety assessment

For this product a chemical safety assessment is not applicable

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