

KROHN INDUSTRIES, INC.

Safety Data Sheet Sparex(r) No. 1 and Sparex(r) No. 2

SECTION 1: Identification

1.1 Product identifier

Product name Sparex(r) No. 1 and Sparex(r) No. 2

Brand Krohn Indistreis, Inc.

1.3 Recommended use of the chemical and restrictions on use

Cleaning compound, pickel

1.4 Supplier's details

Name Krohn Industries, Inc.
Address 303 Veterans Blvd.
Carlstadt, NJ 07072
USA

Telephone 201-933-9696
Fax 201-933-9684
email info@krohnindustries.com

1.5 Emergency phone number(s)

ChemTel
(800) 255-3924

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H318

Causes serious eye damage

Precautionary statement(s)

P280

P264

P305+P351+P338

Wear protective gloves/protective clothing/eye protection/face protection.
Wash ... thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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2.3 Other hazards which do not result in classification

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. SODIUM HYDROGENSULPHATE

Concentration 98 %

Other names / synonyms Sodium bisulfate; SODIUM HYDROGENSULPHATE; Sulfuric acid, sodium salt (1:1)

EC no. 231-665-7

CAS no. 7681-38-1

Index no. 016-046-00-X

- Eye damage/irritation (chapter 3.3), Cat. 1

H318 Causes serious eye damage

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. If skin irritation occurs, consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If redness or irritation persists get prompt medical attention.
If swallowed	Wash out mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

No specific fire or explosion hazard.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Avoid breathing vapours or dust. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains and sewers. Inform the relevant authorities if product as caused environmental pollution.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use appropriate personal protective equipment (see section 8). Avoid breathing dust. Wash thoroughly after handling.

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Material is hygroscopic and will readily absorb moisture. DO NOT store dry product where exposed to moist conditions. Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. SODIUM HYDROGENSULPHATE (CAS: 7681-38-1)
(Oral): LD50 Rat 2800 mg/kg

8.2 Appropriate engineering controls

If user operations generate dust or fumes use local exhaust ventilation or other engineering controls.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety eyewear should be used when there is a likelihood of exposure. Recommended: Safety glasses with side shields.

Skin protection

Rubber gloves.

Body protection

Cotton blend coveralls.

Respiratory protection

In dusty atmospheres (>10 mg/m³), use NIOSH approved dust respirator.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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Appearance/form	Dry (anhydrous) crystalline solid spherical shaped beads.
Odor	Fresh to pungent.
Odor threshold	Not Available.
pH	<1 (Conc. (%w/w): 5%)
Melting point/freezing point	177 C (350.6 F)
Initial boiling point and boiling range	Not Available.
Flash point	Not Available.
Evaporation rate	Not Available.
Flammability (solid, gas)	Not Available.
Upper/lower flammability limits	Not Available.
Upper/lower explosive limits	Not Available.
Vapor pressure	Not Available.
Vapor density	Not Available.
Relative density	1.28
Solubility(ies)	Hot and cold water.
Partition coefficient: n-octanol/water	Not Available.
Auto-ignition temperature	Not Available.
Decomposition temperature	Not Available.
Viscosity	Not Available.
Explosive properties	Not Available.
Oxidizing properties	Not Available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

DO NOT store dry product where exposed to moist conditions.

10.5 Incompatible materials

Oxidizing materials, acids and alkalis. DO NOT MIX dry or concentrated solutions with chlorine bleach, ammonia cleansers or similar products.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD50 Rat 2800 mg/kg.

Skin corrosion/irritation

Prolonged exposure may cause skin irritation. Symptoms may include the following: pain or irritation, redness, blistering may occur if repeated exposure.

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Serious eye damage/irritation

Causes serious eye damage. Adverse symptoms may include pain, watering and or redness.

Respiratory or skin sensitization

Inhalation of dusts may irritate nose, throat and or lungs.

Germ cell mutagenicity

There is no data available.

Carcinogenicity

There is no data available.

Reproductive toxicity

There is no data available.

STOT-single exposure

There is no data available.

STOT-repeated exposure

There is no data available.

Aspiration hazard

There is no data available.

SECTION 12: Ecological information

Toxicity

There is no data available.

Persistence and degradability

There is no data available.

Bioaccumulative potential

There is no data available.

Mobility in soil

There is no data available.

Results of PBT and vPvB assessment

There is no data available.

Other adverse effects

This product readily dissolves in water to form a weak acid solution. A 0.05% or greater (by weight) solution of this product will likely be acutely harmful to aquatic life.

SECTION 13: Disposal considerations

Disposal of the product

This product and its container may be disposed of in a safe way. Avoid dispersal of spilled material and runoff. Avoid contact with soil, waterways, drains and sewers. Dispose of surplus and non-recyclable products via a licensed disposal contractor.

SECTION 14: Transport information

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DOT (US)

UN Number: Not regulated.
Class:
Packing Group:
Proper Shipping Name:
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG

UN Number: Not regulated.
Class:
Packing Group:
EMS Number:
Proper Shipping Name:

IATA

UN Number: Not regulated
Class:
Packing Group:
Proper Shipping Name:

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Sodium bisulfate

SECTION 16: Other information

16.1 Further information/disclaimer

This information is provided in good faith and is correct to the best of Krohn's knowledge as of the date hereof and is designed to assist our customers; however, Krohn makes no representation as to its completeness or accuracy. Our products are intended for sale to industrial and commercial customers. We require customers to inspect and test our products before use and to satisfy themselves as to suitability to their specific applications. Any use which Krohn customers or third parties make of this information, or any reliance on, or decisions made based upon it, are the responsibility of such customer or third party. Reichhold disclaims responsibility for damages, or liability, of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS OR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES. IN NO EVENT SHALL KROHN BE LIABLE FOR SPECIAL INCIDENTAL, OR CONSEQUENTIAL DAMAGES.