



Material Safety Data Sheet (MSDS)

Revision Date: 23 May 2011

Section 1. Product and Company Information

Chemical Name: Rhodizonic acid disodium salt
Synonym(s): Sodium rhodizonate, Rhodizonic acid sodium, Sodium rhodizonate dibasic, 3,4,5,6-Tetraoxocyclohexene-1,2-dioldisodium salt
Tradename: Disclosing SR Powder
Catalog No.: 550-020, also component of 550-001 and 550-002

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Section 2. Composition/Information on Ingredient(s)

Chemical Name	Formula	CAS #	Concentration
Rhodizonic acid disodium salt	$C_6Na_2O_6$	523-21-7	---

Section 3. Hazards Identification

Emergency Overview

OSHA Hazards

No known OSHA hazards

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

HMIS Classification

Health Hazard: 0

Flammability: 0

Physical Hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation

Skin May be harmful if absorbed through skin. May cause skin irritation

Eyes May cause eye irritation

Ingestion May be harmful if swallowed

Section 4. First Aid Measures

Oral Exposure

If swallowed, wash out mouth with water (provided person is conscious). Call a physician.

Inhalation Exposure

If inhaled, remove to fresh air. If not breathing, give artificial respiration.

Dermal Exposure

In case of contact, immediately wash skin with soap and copious amounts of water.

Eye Exposure

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Section 5. Fire Fighting Measures

Conditions of Flammability

Not flammable or combustible

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Fire Fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous Combustion Products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides

Section 6. Accidental Release Measures

Personal Precautions

Avoid dust formation. Avoid breathing vapors, mist or gas.

Environmental Precautions

Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up

Sweep up and shovel. Keep in suitable, closed containers for disposal (*see Section 13*).

Section 7. Handling and Storage

Handling

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Provide appropriate exhaust ventilation where dust is formed.

Storage

Suitable: Keep tightly closed. Store in a cool, dry, and well-ventilated place.

Section 8. Exposure Controls/Personal Protective Equipment (PPE)

Contains no substances with occupational exposure limit values

Engineering Controls

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment**Respiratory Protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (U.S.) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (U.S.) or CEN (EU).

Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (U.S.) or EN 166 (EU).

Skin and Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene Measures

General industrial hygiene practice

Section 9. Physical/Chemical Properties

Appearance

Color: Grey
Form: Powder

Chemical Properties

Property	Value
Molecular Weight	214.04 g/mol
Melting Point/Range	> 300 C (> 572 F) - lit.

Note: No further properties were reported by chemical supplier.

Section 10. Stability and Reactivity

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

No data available

Materials to Avoid

Strong oxidizing agents

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides

Section 11. Toxicological Information

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation
Ingestion: May be harmful if swallowed
Skin: May be harmful if absorbed through skin. May cause skin irritation
Eyes: May cause eye irritation

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

No other toxicological data is available.

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation

Any unused material should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with federal, state, and local regulations.

Section 14. Transport Information

DOT (U.S.)

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

Section 15. Regulatory Information

OSHA Hazards

No known OSHA hazards

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Disodium 3,4,5,6-tetraoxocyclohex-1-en-1,2-ylene dioxide	523-21-7	

New Jersey Right To Know Components

	CAS-No.	Revision Date
Disodium 3,4,5,6-tetraoxocyclohex-1-en-1,2-ylene dioxide	523-21-7	

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

Disclaimer

For approved uses only. Not for drug, household, or other uses.

The above information is believed to be correct, but does not purport to be all-inclusive and shall be used only as a guide. SKC Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.