133 Cecil Street # 12-03 Keck Seng Tower, Singapore 069535,

Republic Of Singapore

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Material Safety Data Sheet SODIUM CYCLAMATE

Section 1 - Product Identification

Product Name : Sodium Cyclamate

CAS No. : 139-005-9

Synonym : Sodium N-cyclohexylsulfamate

Company Identification : Tradeasia International Pte. Limited

Address :

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Tel: +65-6227 6365 Fax: +65-6225 6286

Email: contact@chemtradeasia.com

Section 2 - Composition/Information on Ingredients

Substances

Name of substance Sodium Cyclamate

Identifiers

CAS No 139-005-9

Molecular formula C6H12NO3SNa

Molar Mass 201,22 g/mol

Section 3 - Hazardous Ingredients & Occupational Exposure Limits

Classification of the substances or mixture

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Acute oral toxicity, Category 4

Label Elements

GHS Label elements, including precautionary statements

Hazard Pictogram(s):



Signal Word: Warning

Hazard Statements:

Harmful if swallowed

Precautionary Statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

Disposal

Dispose of contents/container to an approved waste disposal plant

Supplemental Hazard Statements none

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Hazards Not Otherwise Classified: None known

Section 4 - First-Aid Measures

General: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. **Inhalation:** Remove to fresh air. Get medical attention if symptoms occur. If not breathing, give artificial respiration.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention. **Skin Contact:** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Ingestion: Do NOT induce vomiting. Get medical attention.

Notes to physician: Treat symptomatically.

Section 5 - Employee Protection

Suitable extinguishing media: Water Foam Carbon dioxide (CO2) Dry powder

Unsuitable extinguishing media: For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture: Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

Advice for firefighters: Self-containing breathing devices and fireproof clothes are required.

Further information: No data available

Section 6 - Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin, eyes or clothing.

Environmental Precautions: Avoid release to the environment.

Methods and Materials for Containment and Cleaning up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7 - Handling and Storage

Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Refer product specification and/or product label for specific storage temperature requirement. Keep container tightly closed.

Section 8 - Exposure Controls/Personal Protection

Exposure Limits/Guidelines: No data available

Engineering controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective Equipment

Eye and Face protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and Body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

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Respiratory protection: No protective equipment is needed under normal use conditions.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance: Crystals or crystalline powder

Relative density: 0.6 to 0.7 kg/L

Odour: Odourles

Flavour: Intensely sweet

Solubility: Solubility in water: 200 g/L a 20°C, 920 g/L a 80°C. Solubility in other products: Insoluble in ether and benzene.

pH (10% w/v, 20°C): 5.5 to 7.5

Melting point: 265 °C

Flammability: No flammable

Oxidising properties: No oxidising properties

Other data

No data available

Section 10 - Stability and Reactivity

Reactivity: The product is not particularly reactive.

Chemical Stability: Oxidizer: The product is chemically stable.

Possibility of hazardous reaction: No hazardous reactions in normal conditions.

Conditions to Avoid: Avoid dust formation. Incompatible products. Excess heat.

Incompatible Materials: Strong oxidizing agents, Strong acids, Strong bases.

Hazardous Decomposition Products: Nitrogen oxides (NOx), Sulfur oxides

Hazardous Polymerization: None under normal processing.

Section 11 - Toxicological Information

Acute toxicity: Oral toxicity (LD50): 1280 mg/kg [Rat].

Skin corrosion/irritation: No data available
Serious eye damage/irritation: No data available
Respiratory sensitizartion: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity following single exposure: No data available Specific target organ toxicity following repeated exposure: No data available

Aspiration hazard: No data available

Information on likely routes of exposure

Ingestion: No data available
Inhalation: No data available
Skin contact: No data available

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Eye contact: No data available

Interaction with Other Chemicals Which Enhance Toxicity: None known.

Additional Information: No data available

Section 12 - Ecological Information

Toxicity: No data available

Persistence and degradability: Soluble in water Persistence is unlikely based on information available.

Bioaccumulative potential: No data available

Mobility in soil: Will likely be mobile in the environment due to its water solubility.

Results of PBT and vPvB assessment: No data available

Other adverse effects: No data available

Section 13 - Disposal Considerations

Disposal of the substance: Any applicable regulation must be observed. Sodium cyclamate can be incinerated in an incineration plant, using a post burning and a collector of sulphurous and nitrous gases.

Disposal of the packaging: Any applicable regulation must be observed. Cardboard and plastic packages can be incinerated. Metallic parts of drums must be removed before incinerating

Section 14 - Transport Information

In accordance with DOT/IMDG/IATA/ADR

Not classified as dangerous in the meaning of transport regulations.

Additional Information: None

Section 15 - Regulatory Information

1. US Federal regulations

Listed on the United States TSCA (Toxic Substances Control Act) inventory

2. International regulations

Listed in Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

3. National regulations

No data available

4. US State regulations

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State or local regulations	No data available

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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