



# Material Safety Data Sheet

Rev. 1

Page 1 of 5

## Section 1 - Product and Company Identification

Product name : Sodium Cyclamate
Other names : Sodium Cyclohexylsulfamate
Product use : non-caloric sweetening agent (food additives)
Supplier's name : San Fu Chemical Co., Ltd., Shan Hua Plant
Supplier's address : 340 Hsiao Hsin Li, Shan Hua Town, Tainan Hsien, Taiwan, R.O.C.
Supplier's phone : 06-5837608                      Emergency phone : 06-5837608
FAX. : 06-5839498

## Section 2 - Hazards Identification

Classification : --
The Most Important Hazards and effect
Label element :
■ Hazard symbol : --
Signal word : --
Hazard statement : --
Precautionary statement : --
Others Hazard : --

## Section 3 - Composition/Information On Ingredients

Pure Substance :

Chemical name : Sodium Cyclamate
Synonyms : Sodium Cyclohexylsulfamate, Cyclohexanesulfonic acid monosodium salt, sodium cyclohexyl amidosulfate, sodiumcyclohexyl sulfamate, sodiumcyclohexyl sulfamidate
CAS No. : 139-05-9
Ingredient contributing to the hazard(%) : 99.5%

## Section 4 - First Aid Measures

The First-aid Information :
■ Inhalation : Move victim to fresh air. Encourage patient to blow nose to ensure clear passage of breathing. If irritation or discomfort persists seek medical attention.
■ Skin Contact : Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
■ Eye Contact : Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
■ Ingestion : Immediately give a glass of water. First aid is not generally required. If in doubt, contact a doctor.
The Most Important Symptoms and Hazardous Effects : --



# Material Safety Data Sheet

Rev. 1

Page 2 of 5

Protection of First-aiders : --

Notes to a Physician : --

## Section 5 - Fire Fighting Measures

Extinguishing Media : water spray or fog, carbon dioxide

Specific Hazards when Fire-fight : --

Specific Fire-fighting Procedure : /

Specific Protection of Firefighters : Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

Personal Precautions : Wear proper protective gears

Environmental Precautions : Prevent dust accumulation

Methods for Cleaning up : Recycle or disposal in proper containers

## Section 7 - Handling and Storage

Handling :

1. Use in a well-ventilated area.
2. Do not breathe dust.
3. Avoid contact with skin.
4. Avoid contact with eyes.

Storage :

1. Keep container in a cool, well-ventilated area.
2. Keep away from heat and any ignition source.

## Section 8 - Exposure Controls & Personal Protection

Engineering measures : General or local exhaust is adequate under normal operating conditions. Provide adequate ventilation in warehouse or closed storage areas.

### Control parameters

TWA	STEL	Ceiling	Biological standards
--	--	--	--

Personal protective equipment :

- Respiratory Protection : Wear dust masks
- Hand Protection : Wear general protective gloves, such as light weight rubber gloves.
- Eye Protection : Wear safety glasses.
- Skin and Body Protection : protective clothing

Hygiene measures :

1. Use good occupational work practice.
2. Eating and drinking are prohibited in work area.
3. Wash hands thoroughly after handling.

## Section 9 - Physical & Chemical Properties

Appearance : powder or crystals

Odor : sweet



# Material Safety Data Sheet

Rev. 1

Page 3 of 5

Color : white	Melting Point: 0°C
pH value : 5.5~7.0	Boiling point/boiling range : 265°C
Flammability: --	Flash point : > 300°C
Decomposition temp : 280°C	Test method : --
Auto ignition temp : --	Explosion properties : --
Vapor pressure : --	Vapor density : /
Density : 1.5 (water = 1)	Solubility : 10g/100ml @ 20°C
log Kow : --	Evaporation Rate : /

## Section 10 - Stability & Reactivity Data

Stability : Stable under ordinary conditions of use and storage.
Possible hazardous reactions under specific conditions : /
Conditions to avoid : prevent dust accumulation
Materials to avoid : strong acids, strong bases, oxidizing substances.
Hazardous decomposition products : Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides.

## Section 11 - Toxicological Information

Route of exposure : skin, inhalation, eyes, ingestion
Symptoms : coughing, headaches, dizziness, nausea & vomiting
Immediate Toxicity : <ol style="list-style-type: none"><li>1. Skin : The material may be mildly discomforting to the skin. Open cuts, abraded or irritated skin should not be exposed to this material. The material may accentuate any pre-existing skin condition.</li><li>2. Inhalation : The dust may be discomforting to the upper respiratory tract. Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled.</li><li>3. Eye : The material is moderately discomforting to the eyes and is capable of causing a mild, temporary redness of conjunctiva (similar to wind-burn), temporary impairment of vision and/or other transient eye damage/ulceration.</li><li>4. Ingestion : May cause irritation to respiratory tract and digestive tract. May be harmful if swallowed in large quantity.<ul style="list-style-type: none"><li>● LD<sub>50</sub>: 17000 mg/kg (Rat, Oral)</li><li>● LC<sub>50</sub>: --</li></ul></li></ol>
Specific effects : <ol style="list-style-type: none"><li>1. Principal routes of exposure are usually by skin contact/absorption and inhalation of generated dust.</li></ol>



# Material Safety Data Sheet

Rev. 1

Page 4 of 5

## Section 12 - Ecological Information

Ecotoxicology : <ul style="list-style-type: none"><li>■ LC<sub>50</sub>(fish) : --</li><li>■ EC<sub>50</sub>(Aquatic Invertebrates) : --</li><li>■ Bioconcentration factor (BCF) : --</li></ul>
Persistence and degradability : <ul style="list-style-type: none"><li>■ Half-Life (Air) : --</li><li>■ Half-Life (Water surface) : --</li><li>■ Half-Life (Groundwater) : --</li><li>■ Half-Life (Soil) : --</li></ul>
Bioaccumulative potential : --
Mobility in soil : --
Other adverse effects : --

## Section 13 - Disposal Considerations

Methods of disposal : <ol style="list-style-type: none"><li>2. Follow ROC Environmental Law and Regulations.</li><li>3. Incinerate residue at an approved site.</li><li>4. Recycle containers if possible, or dispose of in an authorized landfill.</li></ol>
---

## Section 14 - MSDS Transport Information

UN classification number : --
Proper D.O.T Shipping Name : --
Hazard Class : --
Packing Group : --
Marine pollution : n/a
Specific precautionary transport measures and conditions : --

## Section 15 - Regulatory Information

Regulations : --
------------------

## Section 16 - Other Information

Literature references	1. RTECS Database, TOMES PLUS CD-ROM, Vol.68, 2006 2. ChemWatch Database, 2006-1 3. OHS MSDS Database, 2006 4. HSDB Database, TOMES PLUS CD-ROM, Vol.68, 2006		
Prepared by	Supplier : San Fu Chemical Co., Ltd. Shan Hua Plant		
	Address : 340 Hsiao Hsin Li, Shan Hua Town, Tainan Hsien, Taiwan, R.O.C.		
	TEL : 06-5837608		FAX : 06-5839498
	Name : Chunfel Chang		
Issue date	2008/8/31	Revision	1



# Material Safety Data Sheet

Rev. 1

Page 5 of 5

Remarks	Symbols Explanations: "--" No information is available at this time. "/" Not applicable to this substance.
<p>■ This information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no event shall San Fu liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if San Fu has been advised of the possibility of such damages.</p>	