



Material Safety **Data Sheet**

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Section 1 - Product and Company Identification

Product name : Sodium Saccharin
Other names : --
Product use : Artificial sweetener (food additives)
Supplier's name : San Fu Chemical Co., Ltd.,
Supplier's address : 340 Hsiao Hsin Li, Shan-Hua District, Tainan City, Taiwan, R.O.C.
Supplier's phone : 886-6-5837608 Emergency phone : 886-6-5837608
FAX. : 886-6-5839498

Section 2 - Hazards Identification

Classification : --
The Most Important Hazards and effect
Label element : <ul style="list-style-type: none">■ Hazard symbol : --■ Signal word : --
Hazard statement : --
Precautionary statement : --
Others Hazard : --

Section 3 - Composition/Information On Ingredients

Pure Substance :

Chemical name : Sodium Saccharin
Synonyms : Sodium Benzosulfimide; Gluside, Soluble saccharin.
CAS No. : 128-44-9
Ingredient contributing to the hazard(%) : 99%

Section 4 - First Aid Measures

The First-aid Information : <ul style="list-style-type: none">■ Inhalation : Not expected to require first aid measures. Move victim to fresh air. If irritation or discomfort persists seek medical attention.■ Skin Contact : Wash exposed area with running water for at least 15 minutes. Get medical advice if irritation develops.■ Eye Contact : Wash thoroughly with running water for at least 15 minutes. Get medical advice if irritation develops.■ Ingestion : Never give anything by mouth to an unconscious person. Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.
The Most Important Symptoms and Hazardous Effects : --
Protection of First-aiders : --
Notes to a Physician : --



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Section 5 - Fire Fighting Measures

Extinguishing Media : Water spray, dry chemical, alcohol foam, or carbon dioxide.
Specific Hazards when Fire-fight : n/a
Specific Fire-fighting Procedure : n/a
Specific Protection of Firefighters : In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Section 6 - Accidental Release Measures

Personal Precautions : Wear proper protective gears
Environmental Precautions : Prevent dust accumulation
Methods for Cleaning up : Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container. Small amounts of residue may be flushed to sewer with plenty of water.

Section 7 - Handling and Storage

Handling : <ol style="list-style-type: none">1. Use in a well-ventilated area.2. Prevent dust accumulation.3. Minimize contact with skin.
Storage : <ol style="list-style-type: none">1. Keep in a tightly closed container, stored in a cool, dry, ventilated area.2. Avoid dust formation and control ignition sources.3. Keep away from incompatibles.

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 : <ul style="list-style-type: none">■ 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 : --			
Hygiene measures : <ol style="list-style-type: none">1. Use good occupational work practice.2. Eating and drinking are prohibited in work area.3. Wash hands thoroughly after handling.			



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Section 9 - Physical & Chemical Properties

Appearance : powder or crystals	Odor : faint scent or odorless
Color : white	Melting Point: 229°C
pH value : --	Boiling point/boiling range : 438.9°C at 760 mmHg
Flammability : --	Flash point : --
Decomposition temp : --	Test method : --
Auto ignition temp : --	Explosion properties : --
Vapor pressure : 1.77E-08mmHg at 25°C	Vapor density : /
Density : 1.5 (water = 1)	Solubility : >=10 g/100 mL at 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 : n/a
Conditions to avoid : Heat, flame, ignition sources, dusting, moisture and incompatibles.
Materials to avoid : strong oxidizers
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, thirsty, nausea & vomiting
Immediate Toxicity : <ul style="list-style-type: none">■ 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.■ Inhalation : The dust may be discomforting to the upper respiratory tract. Nuisance dust, causing coughing and sneezing.■ Eye : No adverse effects expected but dust may cause mechanical irritation.■ Ingestion : Ingestion of 5g has been reported to cause nausea, vomiting and diarrhea.<ul style="list-style-type: none">● LD₅₀ : 14200 mg/kg (Rat, Oral)● LC₅₀ : --
1. Specific effects : --

Section 12 - Ecological Information

Ecotoxicology : <ul style="list-style-type: none">■ LC₅₀(fish) : --■ EC₅₀(Aquatic Invertebrates) : --
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■ Bioconcentration factor (BCF) : --
Persistence and degradability : ■ Half-Life (Air) : -- ■ Half-Life (Water surface) : -- ■ Half-Life (Groundwater) : -- ■ Half-Life (Soil) : --
Bioaccumulative potential : --
Mobility in soil : --
Other adverse effects : --

Section 13 - Disposal Considerations

Methods of disposal : Follow ROC Environmental Law and Regulations.

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	
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Remarks	Symbols Explanations: "--" No information is available at this time. "/" Not applicable to this substance.
■	This information above has consulted national or international papers and manufacturer or supplier's provided information. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make their own determination of the suitability of the information for their particular purposes.