



Safety Data Sheet

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Section 1 - Product and Company Identification

Product name : Glucose
Other names : --
Product use : Use directly in food, medical industry, commonly use as ingredient to synthesize vitamin C
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 : Serious eye damage/ irritation Category 2B
The Most Important Hazards and effect Label element : <ul style="list-style-type: none">■ Hazard symbol : --■ Signal word : Warning Hazard statement : Cause eye irritation Precautionary statement : <ol style="list-style-type: none">1. Vvoid eye contact2. If contacted, wash with large amount of water then seek the medical attention immediately.
Others Hazard : --

Section 3 - Composition/Information On Ingredients

Pure Substance :

Chemical name : Glucose
Synonyms : Dextrose; Grape Sugar; Corn Sugar
CAS No. : 50-99-7
Ingredient contributing to the hazard(%) : 99%

Section 4 - First Aid Measures

The First-aid Information : <ul style="list-style-type: none">■ Inhalation : Need no first aid■ Skin Contact : Need no first aid■ Eye Contact : Flush eyes with water immediately. If the discomfort occurs, seek medical attention immediately.■ Ingestion : Need no first aid
The Most Important Symptoms and Hazardous Effects : --
Protection of First-aiders : No specific regulation
Notes to a Physician : --



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Section 5 - Fire Fighting Measures

Extinguishing Media : Water, powder, CO ₂ or proper foam
Specific Hazards when Fire-fight : --
Specific Fire-fighting Procedure : none
Specific Protection of Firefighters : Wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Personal Precautions : Wear proper personal protective equipments.
Environmental Precautions : Avoid generating the dust, keeps well ventilation.
Methods for Cleaning up : Sweep into the proper container for recycling or managing.

Section 7 - Handling and Storage

Handling : Avoid generating the dust during packaging or discharging. Use static free protective equipments if necessary.
Storage : Store in a cool, dry and well ventilated area. Away from the incompatibles.

Section 8 - Exposure Controls & Personal Protection

Engineering measures : Install the eye washing equipments and shower equipments. Use the proper ventilation equipments and maintain the low concentration in the airborne.								
Control parameters								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">TWA</th> <th style="width: 25%;">STEL</th> <th style="width: 25%;">Ceiling</th> <th style="width: 25%;">Biological standards</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> </tr> </tbody> </table>	TWA	STEL	Ceiling	Biological standards	--	--	--	--
TWA	STEL	Ceiling	Biological standards					
--	--	--	--					
Personal protective equipment : <ul style="list-style-type: none"> ■ Respiratory Protection : Wear dust proof mask ■ Hand Protection : No need ■ Eye Protection : Wear safety goggles ■ Skin and Body Protection : No specific regulation 								
Hygiene measures : Forms the good habit, strictly no drinking or eating in the working area. Need to wash the hands after work done.								

Section 9 - Physical & Chemical Properties

Appearance : Solid, powder, white and fine crystal like	Odor : odorless
Color : Transparent	Melting Point: --
pH value : 5.9(0.5Mwater solution)	Boiling point/boiling range : --
Flammability: --	Flash point : --
Decomposition temp : --	Test method : --
Auto ignition temp : --	Explosion properties : --
Vapor pressure : --	Vapor density : --



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Density : 1.54(H ₂ O=1)	Solubility : 1g/1.1ml (20°C) in the water
log Kow : --	Evaporation Rate : --

Section 10 - Stability & Reactivity Data

Stability : stable
Possible hazardous reactions under specific conditions : No reaction
Conditions to avoid : Incompatibles, dust generation, overheat
Materials to avoid : Oxidizers
Hazardous decomposition products : Thermal decompose the CO, poisonous smoke and CO ₂ .

Section 11 - Toxicological Information

Route of exposure : Inhalation, skin contact, ingestion, eyes.
Symptoms :
Immediate Toxicity : <ol style="list-style-type: none">1. Skin : --2. Inhalation : --3. Eye : Cause eye irritation4. Ingestion : Swallow in large amount may cause digestive tract inflammation.<ul style="list-style-type: none">● LD₅₀: 25800mg/kg (rat, oral)● LC₅₀: --
Specific effects : --

Section 12 - Ecological Information

Ecotoxicology : <ul style="list-style-type: none">■ LC₅₀(fish) : --■ EC₅₀(Aquatic Invertebrates) : --■ Bioconcentration factor (BCF) : --
Persistence and degradability : <ul style="list-style-type: none">■ 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 the local government laws and regulation



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Section 14 - MSDS Transport Information

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

Section 15 - Regulatory Information

Regulations :
1. Regulations for Labor Safety and Health Installations
2. Regulation of Labelling and Hazard Communication of Dangerous and Harmful Materials
3. Road Traffic Safety Regulations

Section 16 - Other Information

Literature references	1. CHEMINFO Database , CCINFO Disc , 2005-3 2. Chemical Hazards Chinese Database, Council of Labor Affairs
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	Name : Shao Chen Hsu
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Remarks	Symbols Explanations: "--" No information is available at this time. "/" Not applicable to this substance.
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