



齐齐哈尔龙江阜丰生物科技有限公司

QIQIHAR LONGJIANG FUFENG BIOTECHNOLOGIES CO.,LTD.

EAST SIDE OF NATIONAL ROAD G111 AT 1558KM, ANG' ANG XI DISTRICT, QIQIHAR CITY, HEILONGJIANG PROVINCE,CHINA

Material Safety Data Sheet

CREATED DATA: 12/10/2021

VERSION: 01

1.PRODUCT AND COMPANY IDENTIFICATION

Commercial product name	Dextrose monohydrate
Applications	Widely used in Food and Medicine industries
Company/Supplier	QIQIHAR LONGJIANG FUFENG BIOTECHNOLOGIES CO.,LTD. EAST SIDE OF NATIONAL ROAD G111 AT 1558KM, ANG' ANG XI DISTRICT, QIQIHAR CITY, HEILONGJIANG PROVINCE,CHINA
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2.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name of the material	Dextrose Monohydrate
Chemical family or formula	$C_6H_{12}O_6 \cdot H_2O$
CAS #	5996-10-1

3.HAZARD IDENTIFICATION

Nature of principle hazard	Not a health hazard as defined by OSHA
Eye contact	May cause mechanical irritation.
Inhalation	No hazard expected in normal industry use. Inhalation of dust may cause respiratory tract irritation.
Skin contact	May cause mechanical irritation.
Ingestion	No hazard expected in normal industry use. Causes tooth decay.
Chronic	No data available.

4.FIRST AID MEASURES

Ingestion	Get medical aid if irritation or symptoms occur.
Eye contact	Get medical aid. Gently lift eyelids and flush continuously with water.

Skin contact	Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.
Inhalation	Remove from exposure and move to fresh air immediately. Get medical aid if cough or other symptoms appear.

5.FIRE FIGHTING MEASURES

Flash Point	No data available
Extinguishing agents	Dry Chemical, CO2, Foam, or water spray
Fire and explosion hazards	Carbon Oxides formed when burned
Special fire fighting procedures	Wear self-contained breathing apparatus and protective equipment when entering area of fire involving this material.
HMIS Rating: Health 0 Flammability 1 Reactivity(physical Hazard) 0	

6.ACCIDENTAL RELEASE MEASURES

Small spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuating through the sanitary system.

7.HANDLING AND STORAGE

Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label.
Storage	Keep it in a dry and cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls	Good general ventilation should be sufficient to control airborne level.
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Respirators	Provide adequate general and local exhaust ventilation.
Eye protection	Use eye protection if eye contact is likely.
Hand protection	Gloves are not normally required.
Skin protection	Wear appropriate protect clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice

9.PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	White Solid
Odor	No data available
Molecular weight	198.17g/mole
pH@1.0%	No data available
Water Solubility	Completely soluble
Boiling Point	Decomposes
Melting Point	86°C (186.8°F)
Evap. Rate (Butyl Acetate=1)	No data available
Specific Gravity (H2O=1)	No data available
Vapor Pressure (mm Hg)	No data available
Vapor Density (Air=1)	No data available

10.STABILITY AND REACTIVITY	
Stability	Stable under recommended storage Condition.
Conditions to avoid	Avoid heat, flames and other sources of ignition. Risk of dust ignition in air.
Incompatibility	Strong acids and oxidizers.
Hazardous polymerization	Will not occur.
Hazardous decomposition Products	Carbon dioxide and carbon monoxide formed when burned.

11. TOXICOLOGICAL INFORMATION	
LD50	25800mg/kg[Rat]
LC50	No data available
Chronic toxicity	No data available
Human experience	Health injuries are not know or expected under normal use.

12.ECOLOGICAL INFORMATION	
Aquatic toxicity	This product is not expected to pose an ecological hazard as a result of its intended use.
Ecotoxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plant.
Degradability	Biodegradable.
Bioaccumulative Potential	Inherently biodegradable

Mobility	Soluble
BOD₅	No data available
COD	No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal method Insure Conformity with all Applicable Disposal Regulations and incinerate or place in permitted waste management facility.

14. TRANSPORT INFORMATION

Shipping Name	FUFENG dextrose monohydrate
Land Transport (ADRIRID)	Not regulated.
Air Transport (ICAO/IATA)	Not regulated.
Maritime Transport (IMO-IMDG)	Not regulated
Hazard Class	Not regulated
ID Number	No data available
Label(s) Required	No data available
Shipping Description	Not Regulated
Packaging References	Not Regulated
Special Transportation Notes	No data available

15. OTHER REGULATORY INFORMATION

NO DATA AVAILABLE

16. OTHER INFORMATION

DISCLAIMER The information (including data and statements) in this Material Safety Data Sheet (MSDS) is based on experimental data from FUFENG and believed to be true and accurate as of the date issued. But all recommendations or suggestions are made without guarantee, since the conditions and methods of using the product and information referred to herein beyond the control of us. It is our policy, to assist our customers and to help solve particular problems, which may arise in applying our products.