

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	GlucSol 224
Recommended use:	
Company details:	Chemstar Products Company
Address:	3232 East 40th Street, Minneapolis, MN, 55406-3203, US.
Telephone number:	(612) 722-0079
Emergency telephone number:	ChemTrek 800-424-9300
Date of preparation:	2 Jan 2018

SECTION 2: HAZARDS IDENTIFICATION

Hazard classifications:	Non-hazardous No Pictogram Required
Priority and secondary identifiers:	Non-hazardous
Risk and safety phrases:	Respiratory tract irritant Irritant (eyes)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:	Modified polysaccharide		
Product components:	Product components		
Name	Cas	Proportion	
Modified Starch	9049-76-7	100%	
None	NR	<1%	

SECTION 4: FIRST AID MEASURES

Necessary first aid measures:	Inhalation: Exposure via inhalation is not likely. If inhaled, remove to fresh air. Skin: Wash skin with soap and water. Eyes: Flush eyes with water for 15 minutes, seek medical attention. Ingestion: If swallowed, dilute by drinking large quantities of water, seek medical attention. Chronic exposure: No data Carcinogenicity: Not a likely carcinogen
Workplace facilities:	No special facilities required.
Required instructions:	Observe good work practices to minimize skin contact. Wash hands and exposed skin after use. Do not eat or drink while using.
Notes for medical personnel:	Apply symptomatic therapy.

SECTION 5: FIRE FIGHTING MEASURES

Type of hazard:	
Fire hazard properties:	
Regulatory requirements:	

Extinguishing media and methods:	Water, CO2, dry powder or foam
Hazchem code:	
Recommended protective clothing:	When fighting a major fire, wear full protective clothing including breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Sweep up and flush area with water. Caution: Wet floors may be slippery when material is present. Avoid production of dust.
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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Avoid practices which produce dust. Store away from heat, flame and spark source.
Regulatory requirements:	N/A
Handling practices:	N/A
Approved handlers:	Not required
Conditions for safe storage:	Store away from heat, flame and spark source
Store site requirements:	
Packaging:	

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Workplace exposure standards:	
Application in the workplace:	Prevent exposure by using engineering controls, personal protective equipment, and proper work practices. Avoid the creation of dust
Exposure standards outside the workplace:	TEL and EELs are not set at this time
Engineering controls:	Ventilation as needed to control dust
Personal protection:	Dust respirator (NIOSH/MSHA TC-21C-132) as needed. Eye protection Protective gloves
References:	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specify product data:	Physical state: Solid Solubility in water: complete pH (4% sol): 8.0 - 11.0 Density (Lb./Cu. Ft.): 30 - 40 Appearance: White powder, no odor
Required specifications:	N/A
Further specifications:	N/A
Specific advice:	

SECTION 10: STABILITY AND REACTIVITY

Stability of the substance:	Stable under normal conditions of use and storage
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Conditions to avoid:	Dust-air mixtures may be explosive. The minimum ignition temperature reported through a 200 mesh sieve is 380 degrees C (716 degrees F). The minimum explosive concentration of a duct cloud is 0.04 oz / Cu Ft. Avoid open lights, flames, welding and spark producing sources. Damp or wet conditions will lead to spoilage
Material to avoid:	Strong oxidizing agents
Hazardous decomposition products:	Oxides of carbon
Hazardous polymerization:	Will not occur
Specific data:	Flammable Limits: LEL: N/A UEL: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Data and interpretation:	This material is not manufactured to contain any hazardous components. In eyes or respiratory systems it may cause irritation if heavy concentrations are encountered.
Summaries data:	Inhalation: May cause irritation to respiratory system Skin: None known Ingestion: Not edible
Format:	

SECTION 12: ENVIRONMENTAL INFORMATION

Potential environmental interactions:	
Data organisation:	
Environmental risk and safety phrases:	

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal information:	Dispose of in a manner which is in accordance with state and local regulations
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SECTION 14: TRANSPORT INFORMATION

Relevant information:	See local and state regulations
Other requirements:	

SECTION 15: REGULATORY INFORMATION

Regulatory status:	See local and state regulations
HSNO and ACVM controls:	
List exposure limits:	

SECTION 16: OTHER INFORMATION

Additional information:	none
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