

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

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| Product name: | GlucoStar 1030 |
| 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

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| Hazard classifications: | Non-hazardous |
| Priority and secondary identifiers: | Non-hazardous |
| Risk and safety phrases: | Respiratory tract irritant Irritant (eyes) |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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| Chemical characterization: | Modified polysaccharide | | |
| Product components: | Product components | | |
| Name | Cas | Proportion | |
| Modified Starch | 9063-38-1 | 100% | |
| None | NR | <1% | |

SECTION 4: FIRST AID MEASURES

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| 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

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| 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.

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): 10.8 - 11.5
Density (Lb./Cu. Ft.): 20 - 25
Appearance: White flakes, mild phenolic 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

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| Data and interpretation: | Material is mildly alkaline (pH 10.8 - 11.5). Avoid inhalation and contact with eyes and skin. Material can cause skin irritation if contacted for prolonged periods of time. For industrial use only, not for human consumption. |
| Summaries data: | Inhalation: May cause irritation to respiratory system Skin: mild irritant Ingestion: Not edible |
| Format: | |

SECTION 12: ENVIRONMENTAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

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

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| Relevant information: | See local and state regulations |
| Other requirements: | |

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

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| Additional information: | none |
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