

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

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| Product name: | GlucoStar C500-XP |
| 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 No Pictogram Required |
| 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: | |

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| 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

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| 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

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| 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

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| 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

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| Specify product data: | Physical State: Solid Solubility in water: complete pH (4% sol): 10.8 - 11.5 Density (Lb./Cu. Ft.): 35 - 45 Appearance: off white powder |
| Required specifications: | N/A |
| Further specifications: | N/A |
| Specific advice: | N/A |

SECTION 10: STABILITY AND REACTIVITY

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| 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 |
| | Flashpoint: N/A |

SECTION 11: TOXICOLOGICAL INFORMATION

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| 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

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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: | |
| HSNO and ACVM controls: | |
| List exposure limits: | |

SECTION 16: OTHER INFORMATION

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| Additional information: | none |
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