

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-900/9004-53-9.html> for suppliers of this product.

Composition/Information on Ingredient

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| Cas: 9004-53-9 |
| Code: M |
| RTECS: HH9450000 |
| Code: M |
| Name: DEXTRIN |
| Other REC Limits: N/P |
| OSHA PEL: N/K |
| Code: M |
| OSHA STEL: |
| Code: |
| ACGIH TLV: N/K |
| Code: M |
| ACGIHSTEL: N/P |
| Code: |

Control Measures

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| Respiratory Protection: NONE EXPECTED TO BE NECESSARY. |
| Ventilation: NORMAL ROOM VENTILATION. |
| Protective Gloves: RUBBER,PLASTIC,OTHER IMPERVIOUS. |
| Eye Protection: SPLASH GOGGLES. |
| Other Protective Equipment: Equipment DO NOT WEAR CONTACT LENSES. CLOTHING TO PREVENT SKIN CONTACT. |
| Work Hygienic Practices: USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. |
| Supplemental Safety and Health: MSDS NO. 510060108. |

Health Hazards Data

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| LD50LC50Mixture: N/K |
| Route Of Entry Inds - Inhalation: NO |
| Skin: NO |
| Ingestion: NO |
| Carcinogenicity Inds - NTP: NO |
| IARC: NO |
| OSHA: NO |
| Health Hazards Acute And Chronic: PRODUCT IS IRRITATING ON CONTACT. |
| Explanation Of Carcinogenicity: N/P |
| Signs And Symptions Of Overexposure: 3 CAUSE SKIN AND EYE IRRITATION. |
| Medical Cond Aggravated By Exposure: NONE |
| First Aid: EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. GIVE LARGE QUANTITY OF MILK OR WATER.(NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,GET PROMPT MEDICAL CARE. |
| Spill Release Procedures: ABSORB WITH INERT MATERIAL.PLACE IN SUITABLE CONTAINER. FLUSH REMAINDER WITH WATER. |
| Neutralizing Agent: NONE |
| Waste Disposal Methods: DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS. |
| Handling And Storage Precautions: STORE IN A COOL,DRY,WELL VENTILATED AREA. |
| Other Precautions: N/P |

Fire and Explosion Hazard Information

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| Flash Point Method: N/P |
| Flash Point: |
| Flash Point Text: NONFLAMMABLE |
| Autoignition Temp: |
| Autoignition Temp Text: N/A |
| Lower Limits: N/R |
| Upper Limits: N/R |
| Extinguishing Media: 4 CARBON DIOXIDE,DRY CHEMICAL,FOAM,WATER FOG. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE. |
| Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS. |
| Unusual Fire/Explosion Hazard: NONE |

Physical/Chemical Properties

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| HCC: N1 |
| NRC/State LIC No: N/R |
| Net Prop WT For Ammo: 5 |
| Boiling Point: |
| B.P. Text: >212F/100C |
| Melt /Freeze Pt: |
| M.P/F.P Text: N/K |
| Decomp Temp: |
| Decomp Text: N/K |
| Vapor Pres: N/K |
| Vapor Density: >AIR |
| Volatile Org Content %: |
| Spec Gravity: 1.039 |
| VOC Pounds/Gallon: |
| PH: N/K |
| VOC Grams/Liter: |
| Viscosity: N/P |
| Evaporation Rate & Reference: |
| Solubility in Water: MISCIBLE |
| Appearance and Odor: COLORLESS,ODORLESS SOLUTION. |
| Percent Volatiles by Volume: 90 |
| Corrosion Rate: N/P |

Reactivity Data

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| Stability Indicator: YES |
| Stability Condition To Avoid: NONE |
| Materials To Avoid: NONE |
| Hazardous Decomposition Products: NORMAL PRODUCTS OF COMBUSTION. CARBON DIOXIDE,CARBON MONOXIDE. |
| Hazardous Polymerization Indicator: NO |
| Conditions To Avoid Polymerization: N/R |

Toxicological Information

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| Information: N/P |
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MSDS Transport Information

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| Information: N/P |
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Regulatory Information

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| Sara Title III Information: N/P |
| Federal Regulatory Information: N/P |
| State Regulatory Information: N/P |

Other Information

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| Other Information: N/P |
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