

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-393/39346-81-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
39346-81-1
Code:
M
RTECS:

Code:
X
Name:
HYDROXYETHYL (DERIVATIZED) AGAROSE

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:
N/P
Code:

ACGIH TLV:
N/P
Code:

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE REQUIRED. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:
N/P. EXPOSURE LIMITS: NONE.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment ANSI APPROVED EYE WASH AND DELUGE SHOWER (FP N). SPECIAL CLOTHING AND EQUIPMENT: NOT REQUIRED.

Work Hygienic Practices:
NOTE: AGAROSE IS GENERALLY USED AFTER DISSOLUTION BY BOILING. SAFETY PRECAUTIONS FOR THIS STEP ARE AVAILABLE FROM FMC UPON REQUEST.

Supplemental Safety and Health:
4 FLAMMABLE LIMITS IN AIR: DUST LAYER 205C, LEL: 0.40 OZ/CU FT/0.36KG/M3; DUST CLOUD 440C, LEL: 0.40 OZ/CU FT. PHYSICAL DATA: FAT SOLUBILITY: NO DATA AVAILABLE. MOLECULAR WEIGHT: >50,000. PARTITION COEF FICIENT: NO DATA AVAILABLE.

Health Hazards Data

LD50LC50Mixture:
LD50: (ORAL, RAT) >5000 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
MAY IRRITATE EYES. ALSO, SEE TOXICOLOGICAL INFORMATION.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
2 SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
EYES: FLUSH W/PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS AND PERSISTS. SKIN: WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS AND PERSISTS. INHAL: REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY OR DISCOMFORT OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION: DRINK PLENTY OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF ANY DISC OMFORT PERSISTS, OBTAIN MEDICAL ATTENTION. NOTE TO MD: HYDROXYETHYL AGAROSE HAS LOW ORAL TOX

Spill Release Procedures:
SWEEP UP POWDER. COLLECT AND PLACE IN SOLID TRASH. DISPOSE OF IN SOLID TRASH IN ACCORDANCE WITH APPROPRIATE LOCAL STATE/PROVINCIAL AND FEDERAL/NATIONAL REGULATIONS FOR INERT, NUISANCE WASTE MATERIAL. AVOID CONTACT WITH SKIN AND EYES.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF POWDER OR GEL IN SOLID TRASH. DISPOSE OF SOLID TRASH IN ACCORDANCE WITH APPROPRIATE LOCAL, STATE/PROVINCIAL AND FEDERAL/NATIONAL REGULATIONS FOR INERT, NUISANCE WASTE MATERIAL.

Handling And Storage Precautions:
STORE IN A COOL, DRY, WELL-VENTILATED PLACE.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:

Flash Point:

Flash Point Text:
NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:
N/A 3

Lower Limits:
SUPDAT

Upper Limits:
SUPDAT

Extinguishing Media:
WATER, CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:
USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
FINE, AIRBORNE ORGANIC DUSTS AT OR ABOVE LEL VALUE (0.40 OZ/CU FT) HAVE EXPLOSIVE POTENTIAL IN PRESENCE OF IGNITION SOURCE. BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE. EXPLOSIVE PROPERT IES: NOT APPLICABLE. OXIDIZING PROPERTIES: NOT OXIDIZING.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT APPLICABLE

Melt/Freeze Pt:

M.P/F.P Text:
NOT APPLICABLE

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
NOT APPLICABLE

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
1.49

VOC Pounds/Gallon:

PH: NOT APPLICABLE

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
10% W/DFCLTY ON HEATING

Appearance and Odor:
WHITE, AMORPHOUS POWDER; NO ODOR.

Percent Volatiles by Volume:
<10 H* 20

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:

Stability Condition To Avoid:

Materials To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P