

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9000-90-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9000-90-2
Code:
M

RTECS:

Code:
X

Name:
AMYLASE ENZYME; (AMYLASE)

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K (FP N)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:
USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO DUST.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPRVD SAFETY GLASSES (FP N).

Other Protective Equipment:
Equipment ANSI APPRVD EMER EYE BATH DELUGE SHOWER (FP N).

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
PH:11.1 (1% SOLN).

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
MODERATE EYE IRRITANT. HARMFUL IF SWALLOWED. INHALATION OF LARGE QUANTITIES OF DUST MAY CAUSE SENSITIZATION. SENSITIZATION SYMPTOMS MAY RANGE FROM HAY FEVER TO ASTHMA.

Explanation Of Carcinogenicity:
NOT RELEVANT.

Signs And Symptions Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
NONE.

First Aid:
4 SKIN:FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD (FP N). EYE:FLUSH WITH WATER FOR @ LEAST 15 MINUTES. INGEST:DRINK GLASSFUL OF WATER & CALL PHYS. INHAL:REMOVE TO FRESH AIR IF BREATHING PROBLEMS DEVELOP. IF BREATHING PROBLEMS PERSIST, SEEK PROMPT MEDICAL ATTENTION.

Spill Release Procedures:
RINSE WITH WATER. FLUSH SM QTYS (LESS THAN 2 LBS) DOWN DRAIN W/PLENTY OF WATER. FOR LARGER QTYS DISPOSE OF I/A/W LOCAL, STATE AND FEDERAL REGULATIONS.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N).

Handling And Storage Precautions:
KEEP OUT OF REACH OF CHILDREN. AVOID MAKING DUST. STORE IN COOL, DRY AREA. KEEP AWAY FROM HEAT & ACIDS WHEN STORED IN LARGE QUANTITIES.

Other Precautions:
AVOID SKIN AND EYE CONTACT AND INHALATION OF DUST.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

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

Unusual Fire/Explosion Hazard:
5 NOT FLAMMABLE OR EXPLOSIVE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
1.00 6

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: SUPDAT

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT KNOWN

Solubility in Water:
NOT KNOWN

Appearance and Odor:
NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
REACTS WITH ACIDS TO FORM HEAT AND GASES.

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT.

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