

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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 Symptoms 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

Melt/Freeze Pt:

Melt/F.P. Text:

N/K

Decomp Temp:

Decomp 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:

N/P. Text:

N/K

Melt/Freeze Pt:

Melt/F.P. Text:

N/K

Decomp Temp:

Decomp 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.

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

Title III Information:N/P

Federal Regulatory Information:N/P

State Regulatory Information:N/P

Other Information

Other Information:N/P

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