

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9002-13-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9002-13-5
Code:
M

RTECS:
YU1700000
Code:
M

Name:
UREASE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NOT REQUIRED

Ventilation:
GENERAL VENTILATION IS ACCEPTABLE

Protective Gloves:
RUBBER OR PLASTIC RECOMMENDED

Eye Protection:
SAFETY GLASSES RECOMMENDED

Other Protective Equipment:
Equipment EYE BATH RECOMMENDED

Work Hygienic Practices:
WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health:
3 NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:
LD50 ORAL - 8.54 G/KG (RAT)

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
LOCAL IRRITATION OF SKIN, MUCOUS MEMBRANES AND RESPIRATORY PASSAGES. IF INGESTED, CAN PRODUCE INTOXICATION AND COMA.

Explanation Of Carcinogenicity:
THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptions Of Overexposure:
SKIN IRRITATION, MUCOUS MEMBRANE IRRITATION, IRRITATION OF REPIRATORY PASSAGES, INTOXICATION, COMA.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
WASH AFFECTED AREAS THOROUGHLY WITH WATER. IF ACCIDENTALLY INGESTED OR SPLASHED IN EYES, CONSULT A PHYSICIAN.

Spill Release Procedures:
ABSORB ON INERT MATERIAL AND DISPOSE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
2 PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE ACCORDING TO KIT INSTRUCTIONS.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONFLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
NOT GIVEN

Upper Limits:
NOT GIVEN

Extinguishing Media:
NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
NONFLAMMABLE. USE PROCEDURES SUITABLE FOR SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F,>100C

Melt/Freeze Pt:

M.P/F.P Text:
NOT GIVEN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
18

Vapor Density:
0.6

Volatile Org Content %:

Spec Gravity:
> 1

VOC Pounds/Gallon:

PH: 7.3

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
1 (WATER = 1)

Solubility in Water:
SOLUBLE

Appearance and Odor:
CLEAR, COLORLESS SOLUTION

Percent Volatiles by Volume:
> 98%

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
STRONG OXIDIZERS

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE. WILL NOT OCCUR.

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