

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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 Symptoms Of Overexposure:

SKIN IRRITATION, MUCOUS MEMBRANE IRRITATION, IRRITATION OF RESPIRATORY 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:

NONFLAMMABLE

Autoignition Temp:

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:

Net Prop WT For Ammo:

Boiling Point:

N/P

B.P. Text:

>212F,>100C

Melt/Freeze Pt:

N/P

M.P./F.P. Text:

NOT GIVEN

Decomp Temp:

N/P

Decomp Text:

UNKNOWN

Vapor Pres:

12

Vapor Density:

0.6

Volatile Org Content %:

NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Spec Gravity:

> 1

VOC Pounds/Gallon:

N/P

PH:

7.3

VOC Grams/Liter:

N/P

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

Conditions To Avoid Polymerization:

NONE WILL NOT OCCUR.

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:

N/P

Other Information

Other Information:

N/P

Information

Information:

N/P

Information