

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-130/13047-13-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
13047-13-7
Code:
M

RTECS:

Code:
X

Name:
HYDROXYMETHYL-4-METHYL-1-PHENYL-3-PYRAZOLIDONE

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:
NONE SHOULD BE NEEDED.

Ventilation:
GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:
RUBBER/LATEX

Eye Protection:
SAFETY GLASSES+SIDE SHIELD/GOGGLES

Other Protective Equipment:
Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:
6 THE ROUTINE USE OF A NON-ALKALINE (ACID) TYPE OF HAND CLEANER WILL HELP MINIMIZE THE POSSIBILITY OF ALLERGIC REACTION.

Supplemental Safety and Health:
KEY1:C2. PNI D & E HAVE DIFFERENT NAME. THIS PRODUCT IS STRONGLY ALKALINE. MAY CAUSE ADVERSE ENVIRONMENTAL EFFECTS. MAY CAUSE OXYGEN DEPLETION IN AQUEOUS SYSTEMS. AFTER DILUTION WITH A LARGE AMOUNT OF WATER, FOLLOWED BY SECONDARY WASTE TREATMENT , THIS MATERIAL IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS NOT ESTABLISHED.

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
TARGET ORGANS:EYES, SKIN, GASTROINTESTINAL TRACT. ACUTE- INHALATION:EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES/SKIN:CAUSES BURNS. MAY CAUSE ALLERGIC SKIN REACTION. ORAL:HARMFUL IF SWAL LOWED. MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT. CHRONIC- UNKNOWN. 4

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION, BURNS

Medical Cond Aggravated By Exposure:
UNKNOWN

First Aid:
GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS,INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:
FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED OR ABSORB WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CON TAMINATION.

Neutralizing Agent:
NOT RELEVNT

Waste Disposal Methods:
DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL REGULATIONS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER, IF PERMITTED.

Handling And Storage Precautions:
KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE AND AWAY FROM STRONG OXIDIZING AGENTS AND STRONG ACIDS.

Other Precautions:
DANGER. CAUSES EYE BURNS. HARMFUL IF SWALLOWED. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP OUT OF REACH OF CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:
N/P 5

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY, CARBON DIOXIDE, ALCOHOL FOAM OR DRY CHEMICAL

Fire Fighting Procedures:
WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
B3

NRC/State LIC No:
NOT RELEVNT

Net Prop WT For Ammo:

Boiling Point:
>100.C, 212.F

B.P. Text:

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
18 @ 68F

Vapor Density:
0.6

Volatile Org Content %:

Spec Gravity:
1.34

VOC Pounds/Gallon:

PH: 11.5

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
COMPLETE

Appearance and Odor:
LIGHT YELLOW LIQUID, ODORLESS

Percent Volatiles by Volume:
50- 55

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXCESSIVE HEAT

Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG ACIDS 7

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF SULFUR

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVNT

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

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WARRANTY

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