

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-379/37971-36-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
37971-36-1
Code:
M
RTECS:

Code:
X
Name:
PHOSPHONOBUTANETRICARBOXYLIC ACID *92-3*
Other REC Limits:
N/K
OSHA PEL:
N/K
Code:
M
OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M N/P
ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem
Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.
Ventilation:
ADEQUATE MECHANICAL (GENERAL/OR LOCAL EXHAUST) TO MAINTAIN EXPOSURE BELOW TLV'S.
Protective Gloves:
RUBBER OR VINYL
Eye Protection:
SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:
Equipment RUBBER OR VINYL APRON
Work Hygienic Practices:
REMOVE & WASH CONTAMINATED CLOTHES BEFORE REUSE. WASH HANDS THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K
Route Of Entry Inds - Inhalation:
NO
Skin:
NO
Ingestion:
NO
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
SKIN: IRRITATION. INGESTION: HARMFUL.
Explanation Of Carcinogenicity:
NONE
Signs And Symptoms Of Overexposure:
N/K
Medical Cond Aggravated By Exposure:
N/K
First Aid:
EYE: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INGESTION: DRINK SEVERAL GLASSES OF MILK OR WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES .
Spill Release Procedures:
FLUSH SMALL QUANTITIES INTO SEWER W/LARGE QUANTITIES OF WATER. FOR LARGER SPILLS, ABSORB W/CLAY, SAWDUST OR OTHER ABSORBANT MATERIAL & PLACE IN CONTAINERS FOR DISPOSAL.
Neutralizing Agent:
N/K
Waste Disposal Methods:
INCINERATION OR SANITARY LANDFILL. FOLLOW ALL LOCAL, STATE & FEDERAL HAZARDOUS WASTE DISPOSAL REGULATIONS.
Handling And Storage Precautions:
KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. STORE AWAY FROM ALKALINE SUBSTANCES, FOOD OR BEVERAGES.
Other Precautions:
KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING DUST.

Fire and Explosion Hazard Information

Flash Point Method:
N/P
Flash Point:

Flash Point Text:
N/K 2
Autoignition Temp:

Autoignition Temp Text:
N/A
Lower Limits:
N/K
Upper Limits:
N/K
Extinguishing Media:
DRY CHEMICAL
Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:
N/K

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:
N/K
Volatile Org Content %:

Spec Gravity:
N/K
VOC Pounds/Gallon:

PH: N/K 3
VOC Grams/Liter:

Viscosity:
N/P
Evaporation Rate & Reference:
N/K
Solubility in Water:
COMPLETE
Appearance and Odor:
CLEAR, COLORLESS LIQUID; CHARACTERISTIC PUNGENT ODOR
Percent Volatiles by Volume:
N/K
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
N/K
Materials To Avoid:
STRONG OXIDANTS & ALKALI
Hazardous Decomposition Products:
CO, CO2, PHOSPHORIC ACID
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
N/K

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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