

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-190/19047-85-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
19047-85-9

Code:
M

RTECS:

Code:
X

Name:
PHOSPHONIC ACID, DIOCTADECYL ESTER (DI-N-OCTADECY

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
2 0.1 MG/M3 RDUST

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
0.1 MG/M3 RDUST;9394

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE USED AT ANY TIME WHEN VAPOR CONCENTRATIONS EXCEED ESTABLISHED STANDARDS.

Ventilation:
ADEQUATE TO MAINTAIN LEVEL BELOW ESTABLISHED USEAGE STANDARDS. LOCAL EXHAUST YES RATE>60FPM,MECH

Protective Gloves:
CHEMICAL RESISTANT

Eye Protection:
FACE SHIELD OR SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:
Equipment N/A

Work Hygienic Practices:
BASIC GOOD HOUSEKEEPING

Supplemental Safety and Health:
N/A

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
NO ADVERSE EFFECTS BEYOND MINOR SKIN OR EYE IRRITATION ARE EXPECTED TO OCCUR IN NORMAL USE CONDITIONS.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
MINOR SKIN OR EYE IRRITATION.

Medical Cond Aggravated By Exposure:
NONE KNOWN

First Aid:
SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH MILD SOAP AND WATER, APPLY SKIN CREAM FOR IRRITATION. EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES HOLDING LID OPEN TO 3 EXPOSE SURFACE. CONTACT PHYSICIAN. INHALATION: REMOVE TO FRESH AIR AT ONCE APPLY ARTIFICAL RESPIRATION IF NECESSARY, CONTACT PHYSICIAN IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY.

Spill Release Procedures:
REMOVE IGNITION SOURCES DIKE AND TAKE UP WITH ABSORBENT MATERIAL, SUCH AS EARTH OR FLOOR DRY. ADEQUATE VENTILATION.

Neutralizing Agent:
N/P

Waste Disposal Methods:
COMPLY WITH ALL APPLICABLE REGULATIONS.

Handling And Storage Precautions:
KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT USE OR STORE NEAR OPEN FLAME OR STRONG OXIDIZERS.

Other Precautions:
AVOID BREATHING VAPORS OR REPEATED SKIN CONTACT

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:
=168.3C, 335.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
FOAM, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:
USE SELF-CONTAINED BREATHING APPARATUS WATER IS NOT SUITABLE AS AN EXTINGUISHING MEDIA BUT MAY BE USEFUL FOR COOLING NEARBY CONTAINERS.

Unusual Fire/Explosion Hazard:
4 PRESSURE MAY DEVELOP IN CLOSED CONTAINERS IF OVERHEATED.

Physical/Chemical Properties

HCC:
V6

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/D

Melt/Freeze Pt:

M.P/F.P Text:
N/P

Decomp Temp:

Decomp Text:
N/P 5

Vapor Pres:
ND

Vapor Density:
N/D

Volatile Org Content %:

Spec Gravity:
0.9200

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
NO

Appearance and Odor:
DARK LIQUID, MILD ODOR

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, SPARKS, OPEN FLAME

Materials To Avoid:
STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED OXYGEN.

Hazardous Decomposition Products:
OXIDES OF CARBON, NITROGEN AND PHOSPHORUS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

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