

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-686/68649-42-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
68649-42-3
Code:
M
RTECS:

Code:
X
Name:
PHOSPHORODITHOIC ACID, O-O-DI C1-14-ALKYL ESTERS,
Other REC Limits:
NONE RECOMMENDED
OSHA PEL:
NOT ESTABLISHED
Code:
M
OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M N/P
ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem
Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
NONE NORMALLY NEEDED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS, WEAR NIOSH-APPROVED ORGANIC VAPOR AND MI ST RESPIRATOR (REFER TO 29 CFR 1910.134)
Ventilation:
USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).
Protective Gloves:
NITRILE/NEOPRENE FOR REPEATED CONTACT
Eye Protection:
SAFETY GLASSES, FACE SHIELD RECOMMENDED
Other Protective Equipment:
Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health:
3 N/P

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL, RAT) IS >2,000 MG/KG.
Route Of Entry Inds - Inhalation:
YES
Skin:
NO
Ingestion:
NO
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
TARGET ORGANS:NONE. ACUTE- PRACTICALLY NON-IRRITATING TO EYES AND SKIN. PRACTICALLY NON-TOXIC BY INHALATION. PRACTICALLY NON-TOXIC BY INGESTION. CHRONIC- UNKNOWN.
Explanation Of Carcinogenicity:
USED MOTOR OILS HAVE BEEN SHOWN TO CAUSE SKIN CANCER IN MICE FOLLOWING REPEATED APPLICATION AND CONTINUOUS EXPOSURE.
Signs And Symptions Of Overexposure:
NONE
Medical Cond Aggravated By Exposure:
NONE
First Aid:
GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:NOT EXPECTED TO BE A PROBLEM. EYES:FLUSH WITH PLENTY OF WATER, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:NOT EXPECTED TO BE A PROBLEM. HOWEV ER, IF MORE THAN 1/2 LITER (PINT) INGESTED, CALL PHYSICIAN.
Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT. ABSORB SPILL ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPI LLS AS REQUIRED TO COAST GUARD, 800-424-8802.
Neutralizing Agent:
NOT RELEVANT
Waste Disposal Methods:
DISPOSE OF WASTE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY. INCINERATION OR BURNING FOR FUEL VALUE IS RECOMMENDED. 2
Handling And Storage Precautions:
STORE AWAY FROM HIGH HEAT & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.
Other Precautions:
DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING OIL MIST. DISCARD LUBRICANT-SOAKED SHOES. REMOVE LUBRICANT-SOAKED CLOTHING AND LAUNDRER BEFORE RE-USE.

Fire and Explosion Hazard Information

Flash Point Method:
COC
Flash Point:

Flash Point Text:
392F,200C
Autoignition Temp:

Autoignition Temp Text:
N/K
Lower Limits:
UNKNOWN
Upper Limits:
UNKNOWN
Extinguishing Media:
WATER FOG, CARBON DIOXIDE, FOAM/DRY CHEMICAL. DIRECTLY SPRAYING WATER/FOAM ONTO BURNING OIL MAY CAUSE FROTHING.
Fire Fighting Procedures:
WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
V6
NRC/State LIC No:
NOT RELEVANT
Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>600F,>316C
Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN
Decomp Temp:

Decomp Text:
UNKNOWN
Vapor Pres:
<0.1 @ 68F
Vapor Density:
>2
Volatile Org Content %:

Spec Gravity:
0.877
VOC Pounds/Gallon:

PH: N/R
VOC Grams/Liter:

Viscosity:
94 CST @ 104F
Evaporation Rate & Reference:
UNKNOWN
Solubility in Water:
NEGLEGIBLE
Appearance and Odor:
DARK AMBER LIQUID - MILD ODOR
Percent Volatiles by Volume:
N/K
Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
EXTREME HEAT
Materials To Avoid:
STRONG OXIDIZING AGENTS
Hazardous Decomposition Products:
MAY PRODUCE SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, METAL OXIDES, ELEMENTAL OXIDES.
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
NOT RELEVANT

Toxicological Information

Information:N/P

MSDS Transport Information

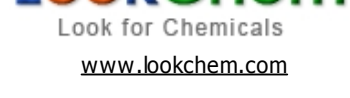
Information:N/P

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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