

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-656/65652-41-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
65652-41-7
Code:
M
RTECS:

Code:
X 2
Name:
BIS(T-BUTYL PHENYL)PHENYL PHOSPHATE
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:
5 WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.
Ventilation:
LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.
Protective Gloves:
IMPERVIOUS
Eye Protection:
CHEMICAL SPLASH GOGGLES
Other Protective Equipment:
Equipment PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:
WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDRER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.
Supplemental Safety and Health:
CHOLINESTERASE INHIBITOR

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS >5000MG/KG
Route Of Entry Inds - Inhalation:
YES
Skin:
YES
Ingestion:
NO
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.SLIGHT ABSORPTION OCCURS DERMALLY.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:TRIPHENYL PHOSPHATE IS A CHOLINESTERASE INHIBITOR.MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:HIGH DOSES MAY CAUSE LIVER AND REPRODUCTIVE DAMAGE.
Explanation Of Carcinogenicity:
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Signs And Symptions Of Overexposure:
INGEST:NAUSEA,DIARRHEA.CHOLINESTERASE INHIBITION:DRY MOUTH,HEIGHTENED MENTAL ACTIVITY,SWEATING,HEADACHE,NAUSEA,MUSCLE TWITCHING,TREMORS,INCOORDINATION,BLURRED VISION,TEARS,ABDOMINAL CRAMPS.SEVERE CHOL INESTERASE INHIBITION CAUSES CONVULSIONS,FLUID IN THE LUNGS AND MAY LEAD TO DEATH.
Medical Cond Aggravated By Exposure:
NOT REPORTED.
First Aid:
SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATT ENTION.NOTIFY PERSONNEL THAT AN ANTICHOLINERGIC IS INVOLVED.IF CONSCIOUS,INDUCE VOMITING;KEEP HEAD LOWER THAN HIPS.USE ATROPINE,PRALIDOXIME CHLORIDE(2-PAM,PROAM) AS AN ANTIDOTE.
Spill Release Procedures:
USE PROPER RESPIRATORY PROTECTION.SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR 4 DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.
Neutralizing Agent:
CREATE A SLURRY WITH HOUSEHOLD DETERGENT AND WATER;LET STAND FOR 2-3 MINUTES.
Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.
Handling And Storage Precautions:
STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES,MOISTURE AND INCOMPATIBLE MATERIALS.
Other Precautions:
STORE AWAY FROM FOOD.CARBON STEEL IS THE REFERED CONTAINER MATERIAL.

Fire and Explosion Hazard Information

Flash Point Method:
PMCC
Flash Point:

Flash Point Text:
475F,246C
Autoignition Temp:

Autoignition Temp Text:
N/K
Lower Limits:
N/K
Upper Limits:
N/K
Extinguishing Media:
WATER,DRY CHEMICAL,CARBON DIOXIDE,FOAM.
Fire Fighting Procedures:
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire/Explosion Hazard:
FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Physical/Chemical Properties

HCC:
T4
NRC/State LIC No:
N/R
Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K
Melt/Freeze Pt:

M.P/F.P Text:
OF,-18C
Decomp Temp:

Decomp Text:
>665F,>352C
Vapor Pres:
<0.1
Vapor Density:
N/K
Volatile Org Content %:

Spec Gravity:
1.15
VOC Pounds/Gallon:
6
PH: N/K
VOC Grams/Liter:

Viscosity:
200-230SUS
Evaporation Rate & Reference:
N/K
Solubility in Water:
NEGLEGIBLE
Appearance and Odor:
LIQUID,CLEAR;ODORLESS
Percent Volatiles by Volume:
N/K
Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
HIGH HEAT,MOISTURE(CAUSES HYDROLYSIS TO OCCUR AT A LOWER TEMPERATURE).
Materials To Avoid:
ALKALI,ACIDS.MAY SOFTEN PLASTICS OR ELASTOMERS.
Hazardous Decomposition Products:
PHOSPHORIC OXIDES,PHENOL(S),ARYL PHOSPHORIC ACIDS.
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
N/R

Toxicological Information

Information:N/P

MSDS Transport Information

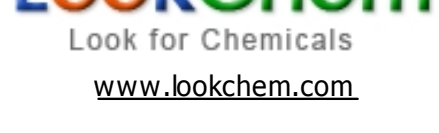
Information:N/P

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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