

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-135/13530-50-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

13530-50-2

Code:

M

RTECS:**Code:**

X

Name:

TRIALUMINUM PHOSPHATE

Other REC Limits:

N/K 4

OSHA PEL:

N/K (FP N)

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K (FP N)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE SHOULD BE NEEDED. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

MECHANICAL (GENERAL):RECOMMENDED.

Protective Gloves:

IMPERVIOUS GLOVES (FP N).

Eye Protection:

ANSI APPRVD CHEM WORKERS GOGG (FP N).

Other Protective Equipment:

Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:

WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER. 7

Health Hazards Data

LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE:EYE:DIRECT CONTACT IRRITATES SLIGHTLY WITH REDNESS AND SWELLING. SKIN:SEVERAL REPEATED PROLONGED EXPOSURES (4-24 HRS) MAY IRRITATE. INHALATION:IRRITATES RESPIRATORY PASSAGES AND EYES VERY SLIGH TLY. INGESTION:SWALLOWING LARGE AMOUNTSMAY CAUSE DIGESTIVE DISCOMFORT. THIS PRODUCT, AS WITH ANY (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:

5 NOT RELEVANT.

Signs And Symptoms Of Overexposure:

HLTH HAZ:CHEMICAL, MAY ENHANCE ALLERGIC CONDITION ON CERTAIN PEOPLE. NO INJURY FROM DUSTS SHOULD OCCUR DURING REASONABLE USE. IF USE CREATES RESPIRABLE PARTICLES, SOME RESPIRATORY SYSTEM INJURY MAY OC CUR.

Medical Cond Aggravated By Exposure:

NONE KNOWN.

First Aid:

INGEST:CALL MD IMMEDIATELY (FP N). INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O²/ARTF RESP) (FP N). EYES:FLUSH WITH WATER FOR @ LEAST 15 MINUTES. SKIN:WIPE OFF AND FLUSH WITH WATER. WASH WITH MILD SOAP SOLUTION OR WATERLESS SKIN CLEANER.

Spill Release Procedures:

REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO TAKE CARE OF ANY OIL-LIKE RESIDUES.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

MFR SUGGESTS THAT ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH & POLLUTION BE REVIEWED TO DETERM APPRVD DISP PROCEDURES.

Handling And Storage Precautions:

USE REASONABLE CARE & CAUTION. THESE PRECAUT ARE FOR ROOM TEMP HNDLG; USE @ ELEVATED TEMP, OR AEROSOL/SPRAY APPLIC, MAY REQ ADDED PRECAUTIONS.

Other Precautions:

GOOD PRACTICE REQ THAT GROSS AMT OF ANY CHEM BE REMOVED FROM SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING/SMOKING. AVOID EYE AND SKIN CONTACT.

Fire and Explosion Hazard Information

Flash Point Method:

OC

Flash Point:**Flash Point Text:**

>250F,>121C 6

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

WATER FOG, CO₂, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:

USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:

HAZARDOUS SULFUR OXIDES FORM.

Physical/Chemical Properties

HCC:**NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/A

Melt/Freeze Pt:**M/P/F/P Text:**

N/A

Decomp Temp:**Decomp Text:**

N/K

Vapor Pres:

<5 @ 77F

Vapor Density:

N/A

Volatile Org Content %:**Spec Gravity:**

1.38 @ 77F

VOC Pounds/Gallon:**PH:**

N/K

VOC Grams/Liter:**Viscosity:**

N/P

Evaporation Rate & Reference:

NOT APPLICABLE

Solubility in Water:

APPEAR LITTLE ODOR, PASTE-LIKE, BLACK

Percent Volatiles by Volume:

<5(WT)

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NOT APPLICABLE

Materials To Avoid:

OXIDIZING MATERIAL CAN CAUSE A REACTION.

Hazardous Decomposition Products:

METAL OXIDES, SULFUR OXIDES, SILICON DIOXIDE, CARBON DIOXIDE TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT.

Toxicological Information

Information:

MSDS Transport Information

Information:

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:**Warranty:**

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

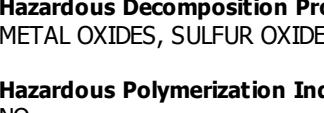
The above information is believed to be correct but does not purport to be all inclusive and shall be used

only as a guide to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. LookChem shall not be held liable for any damage resulting from

handling or contact with the above product. See reverse side of invoice or packing slip for additional

terms and conditions of sale.



LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.

LookChem is a registered trademark of LookChem Inc. All rights reserved. LookChem is not affiliated with any other company or organization.