

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-526/52628-03-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

52628-03-2

**Code:**

M

**RTECS:****Code:**

X

**Name:**

MIXED MONO-DI & TRI-ALKYENYL PHOSPHATES

**Other REC Limits:**

NONE SPECIFIED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

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

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH/MSHA APPROVED CHEMICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICULATES AND ORGANIC VAPORS IF OCCUPATION EXPOSURE LIMITS ARE EXCEEDED. USE NIOSH/MSHA APPROVED AIRLINE TYPE RESPIRATOR S OR HOODS IN CONFINED AREAS.

**Ventilation:**

SUFFICIENT VENTILATION, IN PATTERN AND VOLUME, SHOULD BE PROVIDED TO KEEP THE AIR CONTAMINANT CONCENTRATION BELOW TLV.

**Protective Gloves:**

NEOPRENE, RUBBER

**Eye Protection:**

SAFETY GLASSES WITH SIDE SHIELDS

**Other Protective Equipment:**

Equipment USE PROTECTIVE CREAM IF SKIN CONTACT IS LIKELY.

**Work Hygienic Practices:**

WASH HANDS BEFORE EATING, SMOKING OR USING THE WASH ROOM. DO NOT SMOKE IN ANY CHEMICAL HANDLING OR STORAGE AREA.

**Supplemental Safety and Health:**

FOOD OR BEVERAGES SHOULD NOT BE CONSUMED ANYWHERE THIS PRODUCT IS HANDLED OR STORED. DISCARD CONTAMINATED SHOES. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

## Health Hazards Data

**LD50/LC50 Mixture:**

NOT PROVIDED 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:**

IRRITATION OF RESPIRATORY TRACT, CENTRAL NERVOUS SYSTEM DEPRESSION, EYE IRRITATION, SKIN IRRITATION. LONG TERM EXPOSURE MAY CAUSE RESPIRATORY SENSITIZATION, LIVER OR KIDNEY DAMAGE. MAY CAUSE SKIN SENSITIZATION.

**Explanation Of Carcinogenicity:**

PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

**Signs And Symptoms Of Overexposure:**

RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS, COMA, SKIN IRRITATION, EYE IRRITATION.

**Medical Cond Aggravated By Exposure:**

RESPIRATORY ALLERGIES, CHRONIC DISEASES OF THE SKIN MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT.

**First Aid:**

EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL TREATMENT. INHALATION: MOVE PERSON TO FRESH AIR. RESTORE BREATHING. TREAT SYMPTOMATICALLY. CONSULT A PHYSICIAN. SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INGESTION: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. 4

**Spill Release Procedures:**

REMOVE ALL SOURCES OF IGNITION (FLAME, HOT SURFACES, AND ELECTRICAL, STATIC OR FRICITIONAL SPARKS). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT MATERIAL AND NON-SPARKING TOOLS. AVOID BREATHING VAPORS. USE SELF-CONTAINED BREATHING EQUIPMENT.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH FEDERAL (40CFR PART 261), STATE AND LOCAL REGULATIONS. USE LICENSED HAZARDOUS WASTE DISPOSAL CONCERN.

**Handling And Storage Precautions:**

DO NOT STORE OR USE NEAR HEAT OR OPEN FLAME. DO NOT STORE ABOVE 110F. KEEP CLOSURE TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAKAGE. KEEP OUT OF SUNLIGHT.

**Other Precautions:**

DO NOT PUNCTURE, DRAG OR SLIDE CONTAINER. EMPTY DRUMS SHOULD NOT BE REUSED. DO NOT GET IN EYES. AVOID SKIN CONTACT. CAN CAUSE ALLERGIC SKIN REACTION. DO NOT WELD OR FLAME-CUT ON EMPTY DRUM. PRODUCT SHOULD BE GROUNDED AND BONDED WHEN POURING.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

65.0F, 18.3C

**Autoignition Temp:**

N/K

**Lower Limits:**

2.1 %

**Upper Limits:**

UNKNOWN

**Extinguishing Media:**

FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG, HALON 1211

**Fire Fighting Procedures:**

FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS, SHOULD BE USED. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP

**Unusual Fire/Explosion Hazard:**

5 KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

## Physical/Chemical Properties

**H2C:****NRC/State Lic No:****Net Prop WT For Ammo:**

N/P

**Boiling Point:****B.P. Text:**

212F, 100C 6

**Melt/Freeze Pt:****Melt/Freeze Pt:****UNP/RPT Text:****Decomp Temp:****Decomp Temp:****Decomp Text:****Vapor Pres:****UNKNOWN:****Vapor Density:****>1 or****Volatile Org Content %:****Spec Gravity:****1.03****VOC Pounds/Gallon:****VOC Grams/Liter:****PH:**

N/K

**Viscosity:**

UNKNOWN

**Evaporation Rate & Reference:****INSOLUBLE****Appearance Liquid, Sweet Odor****Percent Volatiles by Volume:**

50-60%

**Corrosion Rate:**

UNKNOWN

**Conditions To Avoid Polymization:**

NONE, WILL NOT OCCUR.

## Toxicological Information

**Information:**

N/P

## MSDS/Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

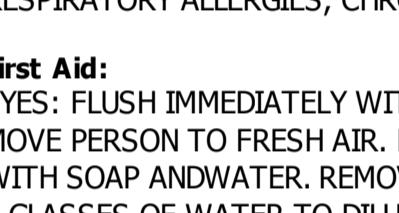
**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P



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