

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-187/18718-07-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

18718-07-5

**Code:**

M

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

X

**Name:**

MANGANESE DIHYDROGEN PHOSPHATE

**Other REC Limits:**

N/K

**OSHA PEL:**

NOT APPLICABLE

**Code:**

M

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

NOT APPLICABLE

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION IF MISTING OCCURS.

**Ventilation:**

LOC EXHST REQD. PROVIDE SUFFICIENT MECH (GEN &/OR LOC EXHST) VENT TO MAINTAIN EXPOSURE BELOW TLV.

**Protective Gloves:**

NEOPRENE OR POLYVINYL GLOVES.

**Eye Protection:**

CHEM WORK GOGG/FULL LENGTH FCSHLD(FP N).

**Other Protective Equipment:**

Equipment APPROPRIATE PROTECTIVE CLOTHING. EYE WASH FACILITY EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY.

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**

FIRST AID PROC:ANYTHING BY MOUTH TO UNCON PERSON. INHAL:REMOVE TO FRESH AIR & REMOVE CONTAM CLTHG. IF BRTHG IS DFCLT, ADMIN O\*2. IF RESP SS, GIVE MOUTH TO MOUTH RESUSCITATION. GET MD. WASTE DISP ME TH:IN COMPLIANCE W/ALL APPLIC FEDERAL, STATE & LOCAL REGULATIONS. 5

## Health Hazards Data

**LD50/LC50 Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYES:CONTACT CAN CAUSE BURN & EYE DAMAGE. SKIN:CONTACT CAN CAUSE IRRITATION. INHAL:INHAL OF MIST CAN CAUSE INJURY (BURNS) TO RESPIRATORY TRACT. INGEST:CAN RESULT IN GASTROINTESTINAL DAMAGE; BURNS OF DIGESTIVE TRACT.

**Explanation Of Carcinogenicity:**

NOT RELEVANT.

**Signs And Symptoms Of Overexposure:**

3 SEE HEALTH HAZARDS.

**Medical Cond Aggravated By Exposure:**

PRE-EXISTING SKIN DISORDERS.

**First Aid:**

EYES:IMMED FLUSH IN DIRECTED STREAM OF H\*2O FOR @ LST 15 MIN WHILE FORCIBLY HOLDING EYELIDS APART TO ENSURE COMPLETE IRRIGATION OF ALL EYE & LID TISS. GET MD. SKIN:IMMED REMOVE CONTAM CLTHG & SHOES. F LUSH THORO W/H\*2O FOR @ LST 15 MIN. RINSE CLTHG. IF IRRIT PERSISTS, GET MD. INGEST:DRINK LG QTYS OF H\*2O. CORR. DO NOT INDUCE VOMIT. IF VOMIT OCCURS, DRINK MORE H\*2O. GET MD. NEVER GIVE (SUPP DATA)

**Spill Release Procedures:**

WEAR PROT CLTHG. DIKE TO CONTAIN SPILL. ABSORB OR OTHERWISE COLLECT SPILL & STORE IN POLYETHYLENE OR POLYETHYLENE-LINED STEEL CONTAINER. FLUSH CONTAMINATED AREA W/WATER.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

CHEM IS HAZ WASTE AS DEFINED BY EPA HAZ WASTE & CONSOLIDATED PERMIT REGS (OR CONSULT EQUIVALENT STATE REGS). CHEM CONTAINS PHOSPHATES & HVY METALS. WASTE TREATMENT & NEUT MAY BE REQD TO DISCHARGE TO S EWER. CNTCT LICENSED DISP AGENT. DISP OF (SUPDAT)

**Handling And Storage Precautions:**

DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE ONLY.

**Other Precautions:**

PRODUCT CONTAINS CHEMICAL SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313, TITLE III OF SARA, PART 372.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

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

NONE

**Autoignition Temp:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K 4

**Extinguishing Media:**

AS REQUIRED TO EXTINGUISH SURROUNDING FIRE.

**Fire Fighting Procedures:**

WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**

NONE.

## Physical/Chemical Properties

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

>212F, >100C

**Decomp Text:**

N/K

**Decomp Temp:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

1.3-1.4

**VOC Pounds/Gallon:****PH:**

<1

**VOC Grams/Liter:****Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Completeness:**

COMPLETE

**Appearance and Odor:**

CLEAR GREEN LIQUID; FAINT ACIDIC ODOR.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Reactivity Data****Stability Indicator:**

YES

**Stability Condition To Avoid:**

NOT APPLICABLE

**Materials To Avoid:**

KEEP SEPARATE FROM ALKALIES.

**Hazardous Decomposition Products:**

NITROGEN 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

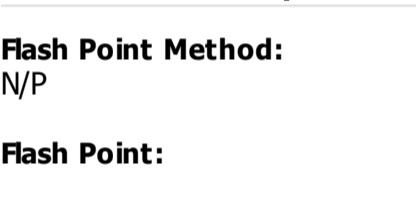
## Other Information

**Other Information:**

N/P

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. The product with regard to appropriate safety or 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 from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.



Look for Chemicals