

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-800/8003-34-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

8003-34-7

**Code:**

M

**RTECS:**

UR4200000

**Code:**

M

**Name:**

PYRETHRUM (SARA III)

**Other REC Limits:**

NOT ESTABLISHED

**OSHA PEL:**

5 MG/M3

**Code:**

M

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

5 MG/M3; 9192

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NONE SHOULD BE NEEDED IN OUTDOOR; USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

**Ventilation:**

NONE SHOULD BE NEEDED; FOR OUTDOOR USE ONLY

**Protective Gloves:**

AS REQUIRED UNDER INSTRUCTIONS

**Eye Protection:**

SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

**Other Protective Equipment:**

Equipment EYE WASH STATION AND SAFETY SHOWER, WORK CLOTHING AND APRON AS REQUIRED.

**Work Hygienic Practices:**

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

**Supplemental Safety and Health:**

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE: IRRITATION OF EYES, SKIN, RESPIRATORY OR G.I. TRACTS; CNS EFFECTS LIKE HEADACHE, DIZZINESS, NAUSEA, VOMITING AND POSSIBLE UNCONSCIOUSNESS; REDNESS OR BURNS OF EYES/SKIN POSSIBLE. CHRONIC: DRYING OF SKIN, DEFATTING OR DERMATITIS.

**Explanation Of Carcinogenicity:**

DATA PER MSDS

**Signs And Symptoms Of Overexposure:**

SKIN: CAUSES DERMATITIS BY Prolonged Contact; EYES: MAY IRRIT; INH/ING: MAY CAUSE VOMIT; RELATIVELY NON-TOXIC.

**Medical Cond Aggravated By Exposure:**

5 PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

**Spill Release Procedures:**

USE PROPER PERSONAL PROTECTION; ALLOW TO DISCHARGE COMPLETELY IN WELL VENTILATED AREA; CONTAIN FREE MATERIAL IF POSSIBLE; USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER. DO NOT PUNCTURE OR THROW IN FIRE.

**Neutralizing Agent:**

NOT APPLICABLE.

**Waste Disposal Methods:**

CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

**Handling And Storage Precautions:**

STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE, DO NOT HEAT >130°F.

**Other Precautions:**

DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

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

NONE

**Autoignition Temp:****Autoignition Temp Text:**

N/R

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

6 USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

**Unusual Fire/Explosion Hazard:**

CONTENTS UNDER PRESSURE, EXPOSURE TO TEMPERATURES ABOVE 130°F MAY CAUSE BURSTING.

## Physical/Chemical Properties

**HCC:**

7 V2

**NPC/State LC No:**

N/R

**Net Prop WT For Ammo:**

N/K

**Boiling Point:**

N/A

**B.P. Text:**

N/A

**Melt/Freeze Pt:**

N/A

**M.P/F.P Text:**

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pressure:**

N/A

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

NEGLIGIBLE

**Appearance and Odor:**

SPRAYS AS HARD JET STREAM W/ PINE OIL/PYRTHRIN ODOR

**Percent Volatiles by Volume:**

85

**Corrosion Rate:**

N/P

**OSHA:**

NO

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## Reactivity Data

**Stability Indicator:**

YES

**High Temp Reactivity:**

SPARKS, AND OPEN FLAMES

**None Known:****Hazardous Decomposition Products:**

HEATABLE DECOMPOSITION MAY RESULT HALOGEN ACIDS, CO<sub>2</sub>, CO

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NOT APPLICABLE

## Toxicological Information

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P