

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-103/103-09-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

103-09-3

**Code:**

M

**RTECS:**

AH5600000

**Code:**

M

**Name:**

ETHYLHEXYL ACETATE

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

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

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NOT REQUIRED IN NON-CONFINED AREAS OR WELL VENTILATED AREAS. FOR EMERGENCIES OR FOR WORKING IN CONFINED AREAS WITH LOW AIR EXCHANGE, FOLLOW OSHA STD. 29 CFR 1910.133.

**Ventilation:**

GENERAL DILUTION OR LOCAL EXHAUST SUFFICIENT TO MAINTAIN ADEQUATE AIR EXCHANGE TO AVOID VAPOR BUILD-UP.

**Protective Gloves:**

POLYETHYLENE, NEOPRENE OR PVC.

**Eye Protection:**

COMPLY WITH OSHA STD. 29 CFR 1910.133

**Other Protective Equipment:**

Equipment NOT REQUIRED.

**Work Hygienic Practices:**

DO NOT SMOKE, EAT OR DRINK WHILE USING THE PRODUCT. WASH HANDS WITH SOAP & WATER BEFORE SMOKING, EATING OR USING TOILET.

**Supplemental Safety and Health:**

NONE 4

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50 >5G/KG, LOW LEVEL OF TOXICITY.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

SKIN- PROLONGED AND REPEATED CONTACT ON THE SKIN COULD CAUSE IRRITATION AND POSSIBLE DERMATITIS. INHALATION- RESPIRATORY IRRITATION AND DISCOMFORT MAY RESULT. EXCESSIVE INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION- MAY CAUSE IRRITATION TO DIGESTIVE TRACT. EYES- POSSIBLE TRANSIENT IRRITATION.

**Explanation Of Carcinogenicity:**

NOT APPLICABLE

**Signs And Symptoms Of Overexposure:**

INHALATION- DIZZINESS, WEAKNESS, NAUSEA, HEADACHES AND POSSIBLE UNCONSCIOUSNESS WITH EXCESSIVE INHALATION. SKIN- POSSIBLE SLIGHT TO MODERATE REDNESS MAY OCCUR WITH EXTENDED DAILY EXPOSURE.

**Medical Cond Aggravated By Exposure:**

PRE-EXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO MATERIAL.

**First Aid:**

EYES- FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. SKIN- WASH WITH SOAP AND WATER, LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. INGESTION- DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE QUANTITIES OF WATER AND SEEK IMMEDIATE MEDICAL ATTENTION. INHALATION- MOVE TO FRESH AIR. CALL A PHYSICIAN IF ANESTHETIC OR NARCOTIC EFFECTS RESULT. ASSIST WITH BREATHING SUPPORT MEASURES IF NEEDED.

**Spill Release Procedures:**

IF POORLY VENTILATED, USE RESPIRATORY PROTECTION. FOLLOW ALL INDUSTRIAL PRACTICES FOR CLEANING SOLVENT/OIL SPILLS. DIKE THE AREA TO CONFINING THE SPILL, SHUT OFF IGNITION SOURCES AND USE A GOOD ABSORBENT TO SOAK UP THE SPILL. STORE IN CLOSED CONTAINERS.

**Neutralizing Agent:**

N/A

**Waste Disposal Methods:**

DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. TREAT THIS TYPE OF WASTE AS WASTE OIL. INCINERATION NORMALLY PREFERRED. NEVER DUMP INTO THE SEWER OR ON THE GROUND OR INTO ANY NAVIGABLE WATERS, STREAMS, LAKES OR RIVERS.

**Handling And Storage Precautions:**

DO NOT STORE ABOVE 120F. DO NOT USE AROUND OPEN FLAMES. MAINTAIN ADEQUATE VENTILATION. KEEP FROM CHILDREN. VAPORS CAN COLLECT IN LOW AREAS.

**Other Precautions:**

DO NOT ENTER THOSE AREAS WHERE LARGE QUANTITIES OF VAPORS ARE SUSPECTED OF COLLECTING UNTIL EXCHANGING THE AIR OR USING SPECIAL BREATHING APPARATUS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:**

201F, 94C

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/A

**Upper Limits:**

N/A

**Extinguishing Media:**

CARBON DIOXIDE, FOAM, DRY CHEMICAL.

**Fire Fighting Procedures:**

USE NORMAL PROCEDURES FOR OIL. WATER AND FOAM MAY CAUSE FROTHING. IF A LEAK OR SPILL HAS NOT IGNITED USE WATER SPRAY TO DISPERSE VAPORS AND/OR COOL CONTAINERS.

**Unusual Fire/Explosion Hazard:**

FIREFIGHTERS SHOULD WEAR NIOSH-APPROVED, SELF-CONTAINED BREATHING APPARATUS TO AVOID EXPOSURE TO DECOMPOSITION PRODUCTS. USE IN THE POSITIVE-PRESSURE MODE.

## Physical/Chemical Properties

**HCC:**

G3

**NRC/State LIC No:**

N/A

**Net Prop WT For Ammo:**

N/A

**Boiling Point:**

378F, 192C

**Melt/Freeze Pt:**

N/A

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

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

0.04

**Vapor Density:**

5.9

**Volatile Org Content %:**

N/A

**Spec Gravity:**

0.86

**VOC Pounds/Gallon:**

N/A

**PH: N/A****VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

NIL

**Appearance and Odor:**

LIGHT AMBER COLOR WITH A SLIGHT FRUITY ODOR.

**Percent Volatile by Volume:**

20.8

**Corrosion Rate:**

N/A

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

YES

**Keep From Open Flames:**

N/A

**Materials To Avoid:**

STRONG OXIDIZERS.

**Hazardous Decomposition Products:**

OXIDES OF CARBON, ANTIMONY, SULFUR AND NITROGEN.

**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

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

**Other Information:**