

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-611/611-14-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
611-14-3  
**Code:**  
M  
  
**RTECS:**  
XT2500000  
**Code:**  
M  
  
**Name:**  
ETHYLTOLUENE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATORY IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. ENGINEERING OR ADMINISTRATIVE CONTROLS S HOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

**Ventilation:**  
PROVIDE SUFFICIENT MECHANICAL/LOCAL EXHAUST VENTILATION TO KEEP  
**Protective Gloves:**  
RESISTANT SUCH AS BUNA-N

**Eye Protection:**  
SPLASH GOGGLES, SAFETY GLASSES

**Other Protective Equipment:**  
Equipment IMPERVIOUS CLOTHING &BOOTS

**Work Hygienic Practices:**  
WASH HANDS &FACE BEFORE EATING. REMOVE CONTAMINATED CLOTHING.

**Supplemental Safety and Health:**  
WT/GAL: 7.30 LBS.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: INTOXICATING, NARCOTIC, IRRITATION TO THE MUCOUS MEMBRANES OF THE LUNGS, LABORED BREATHING, DULLNESS & DROWSINESS. INGESTION: ABDOMINAL PAIN & NAUSEA. SKIN/EYE: REDNESS & PAIN.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
INHALATION: INTOXICATING & NARCOTIC. INHALATION: IRRITATION TO THE MUCOUS MEMBRANES OF THE LUNG, LABORED BREATHING, DULLNESS & DROWSINESS. INGESTION: ABDOMINAL PAIN & NAUSEA. SKIN/EYE: REDNESS & PAIN.

**Medical Cond Aggravated By Exposure:**  
RESPIRATORY SYSTEM DISEASES

**First Aid:**  
SKIN: RINSE OR SHOWER W/PLENTY OF WATER. EYE: RINSE W/COPIOUS AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. INGESTION: RINSE MOUTH & DRINK PLENTY OF WATER . DON'T INDUCE VOMITING. OBTAIN MEDICALATTENTION IN ALL CASES.

**Spill Release Procedures:**  
ABSORB LIQUID ON PAPER. VERMICULITE, FLOOR ABSORBENT , OR OTHER ABSORBENT MATERIAL & TRANSFER TO HOOD.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSAL OF WASTE MATERIAL MUST COMPLY W/FEDERAL, STATE & LOCAL REGULATION. IF APPROVED, IT MAY BE REMOVED TO A LICENSED LANDFILL. FLAMMABLE LIQUID

**Handling And Storage Precautions:**  
STORE IN A CLEAN DRY AREA. KEEP AWAY FROM FOOD PRODUCTS.

**Other Precautions:**  
3 AVOID CONTACT W/SKIN.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
-4F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.0%

**Upper Limits:**  
N/K

**Extinguishing Media:**  
FOAM, CO2, DRY CHEMICAL

**Fire Fighting Procedures:**  
SELF-CONTAINED BREATHING APPARATUS W/A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE MODE.

**Unusual Fire/Explosion Hazard:**  
VAPORS ARE >AIR/MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION & IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, OR OTHER IGNITION SOURCES

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
133-336F

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
>AIR

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
SLOWER THAN ETHER

**Solubility in Water:**  
N/K

**Appearance and Odor:**  
N/K

**Percent Volatiles by Volume:**  
96.8%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
PILOT LIGHTS, OPEN FLAMES, SPARKS, HOT SURFACES, IGNITION SOURCES, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
CO, WATER

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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