

Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1: Identification					
Product Number:	T7616		Health:	2	
Product Name:	Toluene Technical Grade		Flammability	3	
Trade/Chemical Synonyms			Reactivity	0	
Formula:	C-H•CH ^m		Hazard Rating:		
RTECS:	XS5250000		Least	0	
C.A.S	CAS# 108-88-3		Slight	1	
			Moderate	2	
			High	3	
			Extreme	4	
			NA = Not Applicable NE = Not Established		
Section 2: Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input checked="" type="checkbox"/>	Toluene	CAS# 108-88-3	>99%	V/V	OSHA TWA 100 ppm (375 mg/m ^f)
Section 3: Hazard Identification (See Also section 11)					
Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.					
Section 4: First Aid Measures					
Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.					
FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention					
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen					
INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.					
Section 5: Fire Fighting Measures					
Fire Extinguisher Type:	Carbon Dioxide, dry chemical powder or appropriate foam				
Fire/Explosion Hazards:	Vapor may travel considerable distance to source of ignition and flash back.				
Fire Fighting Procedure:	Use water spray to cool fire exposed containers.				
Section 6: Accidental Release Measures:					
Eliminate ignition sources. Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.					
Section 7: Handling and Storage:					
Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.					
Section 8: Exposure Controls/Personal Protection					
Respiratory Protection: NIOSH/MSHA-approved respirator					
Mechanical:	Protective Wear appropriate gloves to prevent gloves: skin exposure				
Ventilation: <input type="checkbox"/>					
Local Exhaust: <input checked="" type="checkbox"/>	Eye Protection: Splash Goggles				
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure					
Section 9: Physical and Chemical Properties					
Melting Point:	-139°F	Specific Gravity	0.863		
Boiling Point:	231°F	Percent Volatile by Volume:	100%		
Vapor Pressure:	10mm Hg @ 70°F	Evaporation Rate:	2.4		
Vapor Density:	3.18	Evaporation Standard:			
Solubility in Water:	0.6mg / Liter	Autoignition Temperature:	Information not available		
Appearance and Odors:	Colorless liquid, strong aromatic odor	Lower Flamm. Limit in Air:	1%		
Flash Point:	40°F	Upper Flamm. Limit in Air:	7%		
Section 10: Stability and Reactivity Information					
Stability: Stable	Conditions to Avoid: Avoid contact with heat, sparks, flames, or other sources of ignition.				
Materials to Avoid:					
Hazardous Decomposition Products:					
Toxic fumes of:	Carbon Monoxide, Carbon Dioxide				
Hazardous Polymerization:	Will Not Occur				
Condition to Avoid:	None known				
Section 11: Additional Information:					
Conditions aggravated/target organs: Toxic! Persons with preexisting skin, eye and respiratory conditions will be more susceptible. Acute: Skin, eye, respiratory tract and digestive tract irritation, headache, dizziness, central nervous system effects, kidney and liver damage, cardiac arrest. Chronic: Dermatitis, defatting of skin, eye damage.					
DOT Classification: Toluene, 3, UN1294, PGII					
DOT regulations may change from time to time. Please Consult the most recent D.O.T. regulations					
Revision No:0	Date Entered: 9/1/2005	Approved by: RMC			

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