

## 1 IDENTIFICATION

4101023

Solvent

Hubbard-Hall Inc.  
563 South Leonard Street  
Waterbury, CT 06708  
Telephone: 203-756-5521  
Fax number: 203-756-9017

Emergency Phone Number  
CHEMTREC: 1 (800) 424-9300  
International: 1 (703) 527-3887

## 2 HAZARDS IDENTIFICATION



### DANGER

Flammable Liquids Hazard Category 2

Skin Corrosion/Irritation Hazard Category 2

Toxic to Reproduction Hazard Category 2

Specific Target Organ Toxicity (Single Exposure) Hazard Category 3

Specific Target Organ Toxicity (Repeated Exposure) Hazard Category 2

Aspiration Hazard Category 1

Acute Aquatic Toxicity-Category 2

Highly flammable liquid and vapor.

May be harmful if swallowed and enters airways.

Causes skin irritation.

May cause drowsiness or dizziness.

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life

Obtain special instruction before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces - No Smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical, ventilating, and lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.  
 Do not breathe dust, fumes, gas, mist, vapors or spray.  
 Wash skin thoroughly after handling.  
 Use only outdoors or in well ventilated area.  
 Wear protective gloves, chemical protective clothing, eye protective goggles and face shield for face protection.  
 If swallowed: Immediately call poison center or doctor.  
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call poison center/doctor if you are  
 If exposed or concerned: Get medical advice/attention.  
 Do NOT Induce vomiting.  
 If skin irritation occurs: Get Medical advice/attention.  
 Take off immediately all contaminated clothing and wash it before reuse.  
 In case of fire: Use water spray (fog), foam, dry chemicals, carbon dioxide, or other type of vapor producing agent.  
 Store in well ventilated place. Keep container tightly closed.  
 Store in a well ventilated place. Keep cool.  
 Store locked up.  
 Dispose of contents/container in accordance with local, regional, national, or international regulations.

### 3 COMPOSITION INFORMATION

Toluol	Toluene	108-88-3	~55%
Acetone	2--Propanone	67-64-1	~15%
Methanol	Methyl Alcohol	67-56-1	~30%

### 4 FIRST AID

Remove exposed person to fresh air and support breathing as needed.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If on skin: Wash with water and get medical attention if burned or irritated.

If in eyes: wash with plenty of water and get medical attention if burned or irritated.

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice whether to induce vomiting. If possible, do not leave individual unattended.

Breathing of vapor or mist is possible. Breathing this material may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits(see section 8). It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Causes respiratory tract irritation. Harmful if inhaled. Inhalation may cause central nervous system effects.

Can cause eye irritation. Symptoms include stinging, tearing, redness and swelling of the eyes.

Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.

Harmful or fatal if swallowed. This material can get into lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

C1Methanol ingestion can produce blindness. 100-250 ml can be fatal. Symptoms of overexposure include dizziness, visual impairment, nausea, respiratory failure, muscular incoordination and narcosis. Prolonged or repeated skin contact may cause dermatitis, erythema, scaling, and possible systemic effects.

C1Methanol ingestion can produce blindness. 100-250 ml can be fatal. Symptoms of overexposure include dizziness, visual impairment, nausea, respiratory failure, muscular incoordination and narcosis. Prolonged or repeated skin contact may cause dermatitis, erythema, scaling, and possible systemic effects.

Prolonged intentional Toluol abuse may lead to damage to many organ systems having effects on : central and peripheral nervous systems, vision, hearing, liver, kidneys, heart and blood. Such abuse has been associated with brain damage characterized by disturbances in gait, personality changes and loss of memory. Comparable central nervous system effects have not been shown from occupational exposure to Toluol . Prolonged intentional Toluol abuse may lead to hearing



Do NOT fill any portable container in or on a vehicle. Do NOT use compressed air for filling, discharging or other handling operations. Product container is NOT designed for elevated pressure. DO NOT pressurize, cut, weld, braze solder, drill, or grind containers. Do NOT expose product containers to flames, sparks, heat or other potential ignition sources. Empty containers may contain residues which can ignite with explosive force. Observe label precautions.

Store in a well ventilated place. Keep cool .

Keep container tightly closed.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Toluol	ACGIH	20 ppm	
Acetone	ACGIH	500 ppm	750 ppm
Methanol	ACGIH	200 ppm	250 ppm (skin)

Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Safety shower in work area.

Butyl or neoprene gloves

Wear chemical safety goggles.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

White mobile liquid.

sweet pungent, hydrocarbon-like, aromatic

N/A

N/A

N/A

N/A

< 0 °F estimate

N/A

N/A

N/A

N/A

>1 (Air=1)

0.835

~45% in water

N/A

N/A

N/A

N/A

## 10 STABILITY AND REACTIVITY

Stable under normal conditions

Hazardous polymerization does not occur.

Heat, flames and sparks

## 15 REGULATORY INFORMATION

Toluol-RQ=1000 lbs  
Acetone-RQ=5000 lbs  
Methanol-RQ=5000 lbs  
Fire,Acute Health,Chronic Health Hazards

## 16 OTHER INFORMATION

The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.