



L.T. York company

Badger Supply  
H. Hill

# MATERIAL SAFETY DATA SHEET

## SECTION I

MANUFACTURER'S NAME **L.T. York Company** EMERGENCY TELEPHONE NO **(816) 258-2291**

ADDRESS (Number, Street, City, State, and ZIP Code) **440 East Helm St. - Brookfield, Missouri 64628**

CHEMICAL NAME AND SYNONYMS **Denatured ethyl alcohol** TRADE NAME AND SYNONYMS **Rubbing alcohol 70%**

CHEMICAL FAMILY **Aliphic Alcohols** FORMULA **C<sub>2</sub>H<sub>5</sub>OH . H<sub>2</sub>O**

## SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS N/A			BASE METAL		
CATALYST N/A			ALLOYS		
VEHICLE H <sub>2</sub> O			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES				%	TLV (Units)
None					

## SECTION III PHYSICAL DATA

BOILING POINT (°F.)	174.4	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.870
VAPOR PRESSURE (mm Hg)	40.5	PERCENT VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (AIR=1)	1.3	EVAPORATION RATE	2.76
SOLUBILITY IN WATER	complete		
APPEARANCE AND ODOR	typical alcohol Odor Clear liquid colorless		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Le'	Uel
65° Tag Open Cup	3.3-19	3.3	19
EXTINGUISHING MEDIA	Use water spray CO <sub>2</sub> dry chemical Alcohol type foams		
SPECIAL FIRE FIGHTING PROCEDURES	Use water spray to cool bulk tanks		
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

**SECTION V HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE  
1000 ppm

EFFECTS OF OVEREXPOSURE  
Confusion, fainting

EMERGENCY AND FIRST AID PROCEDURES  
Swallowing- 2 glasses of water and induce vomiting

Skin- flush with water

Inhalation- Remove to fresh air

Eyes- flush with water, call doctor

**SECTION VI REACTIVITY DATA**

STABILITY	UNSTABLE <input type="checkbox"/>	X	CONDITIONS TO AVOID Heat, flame ignition sources
	STABLE <input type="checkbox"/>		

COMPATABILITY (Materials to avoid)  
none

HAZARDOUS DECOMPOSITION PRODUCTS  
none

HAZARDOUS POLYMERIZATION	MAY OCCUR <input type="checkbox"/>	X	CONDITIONS TO AVOID none
	WILL NOT OCCUR <input type="checkbox"/>		

**SECTION VII SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Eliminate all sources of ignition, wear protective equipment, Small spills should be flushed with large quantities of water. Large spills should be collected for disposal

WASTE DISPOSAL METHOD  
Incinerate in a furnace where permitted under appropriate Federal State and local requirements.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type)  
Self contained breathing apparatus in high concentrations

VENTILATION	LOCAL EXHAUST This product should be confined	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES  
Plastic

EYE PROTECTION  
Safety Glasses

OTHER PROTECTIVE EQUIPMENT  
Eye Bath Safety shower

**SECTION IX SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE  
Keep away from heat, sparks and open flame. Avoid contact with eyes

avoid inhalation. Keep container closed. Use with adequate ventilation

OTHER PRECAUTIONS  
wash thoroughly after handling.