

Material Safety Data Sheet

Tissue Builder Quick Identifier Common Name (Used on label and list)

SECTION 1

Manufacturer's Name: Hydrol Chemical Company
Address: 520 Commerce Drive
City, State, and Zip: Yeadon, PA 19050
Signature of Person Responsible for Preparation (Optional): _____
Emergency Telephone No.: Day - (800) 345-8200
Night - CHEMTREC (800) 424-9300
Information Calls: (800) 345-8200
Date Prepared: 9/04

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% Optional	CAS NO.
Methanol	220 PPM	220 PPM			67-56-1
Nitrocellulose	N/E	N/E			9004-70-0

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	148°F	Specific Gravity (H ₂ O=1)	0.81	Vapor Pressure (mm Hg)	138
Solubility in Water	Complete	Vapor Density (Air=1)	1.11	Reactivity in Water	None
Appearance and Odor	Orange liquid	Melting Point	Not Applicable (N/A)		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	54°F	Method Used	TCC	Flammable Limits in Air % By Volume	LEL Lower	5.5	UEL Upper	36.5	Methanol
Auto-Ignition Temperature	Unknown	Extinguisher Media	CO ₂ , Dry Chemical						
Special Fire Fighting Procedures	Wear self-contained breathing apparatus (SCBA) and full protective clothing.								
Unusual Fire and Explosion Hazards	Vapor of Methanol can travel to source of ignition. Methanol burns with little or no visible flame.								

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable	Conditions to Avoid	Heat, sparks, flame.
Incompatibility (Materials to Avoid)	Sulfuric acid, strong oxidizers such as Nitric acid, Hydrogen peroxide.		
Hazardous Decomposition Products	Carbon monoxide.		
Hazardous Polymerization	May Occur	Conditions to Avoid	None.

SECTION 6 - HEALTH HAZARDS

1. Acute: Poisonous if swallowed, Can cause blindness, death.
2. Chronic: None known.

Signs and Symptoms of Exposure: Headache, dizziness, nausea, vomiting.

Medical Conditions Generally Aggravated by Exposure: None known.

Chemical Listed as Carcinogen or Potential Carcinogen: _____
National Toxicology Program: Yes o No n
I.A.R.C. Monographs: Yes o No n
OSHA: Yes o No n

EMERGENCY AND FIRST AID PROCEDURE

1. INHALATION	Remove to fresh air. Restore breathing. Seek medical aid.
2. EYES	Wash 15 minutes with water. Seek medical aid.
3. SKIN	Wash with water. Remove contaminated clothing. Wash before reuse.
4. INGESTION	Induce vomiting by giving 2 glasses of water sticking throat. Seek medical aid.

ROUTES OF ENTRY

1. INHALATION	Extreme high levels cause stupor, headache, nausea, dizziness, and unconsciousness.
2. EYES	Irritation, tearing, and burning sensation..
3. SKIN	Can de-fat skin, causing dermatitis.
4. INGESTION	Poisonous. Can cause blindness and death..

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	Store in cool well ventilated area away from sources of ignition. Avoid contact with eyes, skin. Do not breath vapors.
Other Precautions	Wash thoroughly with soap and water after handling.
Steps to be Taken in Case Material is Released or Spilled	Eliminate ignition sources. Wear SCBA, full protective clothing. Soak up with spill absorbent. Place in approved container for disposal.
Waste Disposal Methods (Consult federal, state, and local regulations)	Obey all local, state and federal disposal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	SCBA if ventilation is inadequate.				
Ventilation	Local Exhaust	Recommended	Mechanical (General)	Special	Other
Protective Gloves	Rubber		Eye Protection	Chemical Safety Goggles	
Other Protective Clothing or Equipment	Eye Wash Station, Safety Shower, Spill Absorbent.				
Work/Hygenic Practices	Always wash hands before eating, drinking and smoking etc.				

SECTION 9 - OTHER INFORMATION

DOT SHIPPING NAME: FLAMMABLE LIQUID, N.O.S. (Methanol) DOT HAZARD CLASS: 3
UN NUMBER: 1993 PACKING GROUP: III
NFPA HAZARD CLASS: HEALTH----2 FLAMMABILITY----2 REACTIVITY----1