

Material Safety Data Sheet

DRI-CLEAN
Quick Identifier
Common Name (Used on label and list)

SECTION 1

Manufacturer's Name	Hydrol Chemical Company	Emergency Telephone No.	Day - (800) 345-8200 Night - CHEMTREC (800) 424-9300
Address	520 Commerce Drive	Information Calls	(800) 345-8200
City, State, and Zip	Yeadon, PA 19050	Date Prepared	8/08
Signature of Person Responsible for Preparation (Optional)	_____		

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (Optional)	CAS NO.
2 Butoxyethanol	25ppm	25ppm		<10	111-76-2
Isopropanol	400ppm	400ppm		<5	67-63-0

Product contains 2-Butoxyethanol - Sara Title III 313 Toxic Chemical

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	212°F	Specific Gravity (H ₂ O=1)	0.987	Vapor Pressure (mm Hg)	Unknown
Solubility in Water	100%	Vapor Density (Air=1)	pH 11.0	Reactivity in Water	None
Appearance and Odor	Clear colorless liquid, with mild odor		Melting Point	<32°F	

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	126°F	Method Used	TCC	Flammable Limits in Air % By Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-Ignition Temperature	Unknown		Extinguisher Media	CO ₂ , Dry Chemicals, Water				
Special Fire Fighting Procedures	Water should be used to keep container cool. (below 120°F)							
Unusual Fire and Explosion Hazards	None known.							

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable Stable	z Conditions to Avoid	Open flame, hot surfaces above 120°F.
Incompatibility (Materials to Avoid)	Strong acids and oxidizers.		
Hazardous Decomposition Products	Burning may result in formation of carbon dioxide and water.		
Hazardous Polymerization	May Occur Will Not Occur	z Conditions to Avoid	

SECTION 6 - HEALTH HAZARDS

Acute	Eye and skin irritation	2. Chronic	Long term exposure may lead to spleen and testee damage/corneal injury or blood abnormalities..
Signs and Symptoms of Exposure	Eye or skin inflammation, difficulty breathing.		
Medical Conditions Generally Aggravated by Exposure	Heart disease, respiratory disorders.		
Chemical Listed as Carcinogen or Potential Carcinogen	None		

EMERGENCY AND FIRST AID PROCEDURES

1. INHALATION	Remove to fresh air. Restore breathing. Administer oxygen if available. Seek immediate medical aid
2. EYES	Wash with water 15 minutes. Consult Physician immediately.
3. SKIN	Wash with water. Remove contaminated clothing. Wash before reuse.
4. INGESTION	Do NOT induce vomiting. Seek immediate medical aid.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	Avoid skin and eye contact. Do not breathe vapors.
Steps to be Taken in Case Material is Released or Spilled	Absorb excess material with cloth or absorbent.
Waste Disposal Methods (Consult federal, state, and local regulations)	Comply with all Local, State, and Federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	Not required if ventilation is adequate/TLV not exceeded.				
Ventilation	Local Exhaust	Recommended	Mechanical (General)	Special	Other
Protective Gloves	Viton, Butyl rubber		Eye Protection	Chemical Safety Goggles.	
Other Protective Clothing or Equipment	Spill absorbent, Eye Wash, Safety Shower.				
Work/Hygienic Practices	Always wash hands before eating, smoking, etc.				

SECTION 9 - OTHER INFORMATION

DOT HAZARD CLASS:	N/A	DOT SHIPPING NAME:	Not a hazardous material.
DOT LD. NUMBER:	N/A	DOT LABEL:	None required.
NFPA HAZARD RATING:	HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0		