

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME:

CLEAR - SAFE™

## SECTION 1

## COMPANY NAME & CONTACT INFORMATION

MANUFACTUER

MRL HYDRAULICS LLC  
32 Meeting Street  
Cumberland, RI 02864

TELEPHONE:

(401) 722-4600

FAX:

(401) 722-4622

EMERGENCY TELEPHONE:

CHEMTREC (24 hr) 1-800-424-9300

## SECTION 2

## INGREDIANTS & INDENTIFICATION

Chemical Name:

Proprietary PEL/TLV not established

CAS:

Proprietary

AMOUNT:

100.0%

## SECTION 3

## PHYSICAL & CHEMICAL CHARACTERISTICS

COLOR:

Clear Slightly Turbid

Form/Appearance:

Liquid

Odor:

Glycol, Amine

Odor Intensity:

Mild

Water Content, %

42

Specific Gravity @ 60/60° C:

1.06

Density, lbs./gal. @ 60° F

8.83

Viscosity:

47 cSt @ 40° C (104° F)

225 SUS @ 38° C (100° F)

pH, as is @ 25° C:

9.5

Pour Point, approx.:

-50° C

-58° F

Boiling Point:

Not Available

Decomp. Temperature:

Not Available

Solubility in Water Description:

Miscible

## SECTION 4

## FIRE & EXPLOSION HAZARD DATA

Flash Point, COC, approx. (°C)

None

Auto ignition:

N/A

Extinguishing Media:

Use water fog, foam, or dry chemical media.

Unusual Hazards:

N/A

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## SECTION 5

## REACTIVITY DATA

Stability Data:	Stable
Hazardous Decomposition/ Polymerization:	N/A
Corrosive Properties:	Not Corrosive
Oxidizer Properties:	Not an oxidizer
Other Reactivity Data:	None Known

## SECTION 6

## HEALTH HAZARD DATA

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Overexposure Effects:** Contact with the eyes may result in temporary irritation. Prolong or repeated skin contact may result in slight, temporary irritation. Ingestion of large amounts will result in diarrhea and weakness. Inhalation of the vapors or mists may result in respiratory irritation.

**Chronic Overexposure Effects:** Repeated contact with propylene glycol may result in skin sensitization. Repeated oral exposures have been known to produce liver and kidney effects. Very high oral dose (16,000 mg/kg/day) in rats has been known to produce reproductive effects. However, doses equal to or less than 8,000 mg/kg produced no effects on birth rates. Propylene glycol has been found to be negative in several carcinogenicity studies with rats and mice.

**First Aid Procedures – Skin:** Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

**First Aid Procedures: Eyes** immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

**First Aid Procedures – Eyes:** Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

**First Aid Procedures – Ingestion:** If person is conscious and can swallow, give two glasses of water (20 oz) but do not induce vomiting. If vomiting occurs, give fluids again. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**First Aid Procedures – inhalation:** Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

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## SECTION 7

### PERSONAL PROTECTION

Clothing:

Gloves, coveralls, apron, etc.

Eyes:

Chemical goggles; also wear a face shield if splashing hazard exists, eyewash fountains must be easily accessible

Respiration:

Approved organic vapor mist respirator as necessary.

Ventilation:  
vapors/mist

Use local exhaust to control

## SECTION 8

### SPILL-LEAK/ENVIRONMENTAL

General:

Spills should be contained, solidified, and placed in suitable containers for disposal in a licensed facility. RCRA or CERCLA ("Superfund") does not regulate this material. Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during cleanup.

Water Disposal:

Incinerate in a licensed facility. Do not discharge into waterways or sewer systems.

Container Disposal:

Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse

## SECTION 9

### STORAGE AND HANDLING

General:

Store at moderate temperatures, in tight containers. No special storage rooms or cabinets required.

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## SECTION 10

## REGULATORY INFORMATION

FM registered: Yes  
NSF registered: Yes, H1, Incidental contact with food  
TSCA Inventory Status: Yes, listed on inventory  
RCRA Hazard Waste No. N/A  
CERCLA: NO Reportable Qty.: (If Yes)  
State Regulatory Information: NJ/PA/MA RTK  
(By Component)  
CAS: EX.  
NAME: PROPRIETARY  
TSRN – 489909-5472-PC  
Hazard Ratings:

	HEALTH	FIRE	REACTIVITY	SPECIAL
HMIS	1	0	0	B

Flavor Status: N/A  
Kosher: YES  
BATF Registered: NO

## SECTION 11

## TRANSPORTATION INFORMATION

DOT Proper Shipping Name: N/A  
DOT Technical Name: N/A  
DOT Primary Hazard Class: N/A  
DOT Label Required: N/A  
DOT Placard Required: N/A  
Bill of Lading Description: NOT REGULATED