

# SAFETY DATA SHEET



Date Prepared : 09/23/2013

SDS No : 1J.67

Date Revised : 11/30/2016

Revision No : 6

## Crystal Clear

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Crystal Clear  
**GENERAL USE:** Glass Cleaner  
**PRODUCT CODE:** 1J.67  
**CHEMICAL FAMILY:** Proprietary

#### MANUFACTURER

Centraz Industries Inc.  
 4051 BINGHAM AVE  
 ST. LOUIS, MO 63116  
**Customer Service:** 314-752-7627

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (US Transportation & Medical) :** (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### GHS LABEL



Exclamation  
mark



Flame

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H315: Causes skin irritation.  
 H318: Causes serious eye damage.  
 H333: May be harmful if inhaled.  
 H336: May cause drowsiness or dizziness.  
 H303: May be harmful if swallowed.  
 H227: Combustible liquid.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Extremely irritating to the eyes and may cause severe damage including blindness.

**SKIN:** May cause irritation.

**INGESTION:** May cause irritation of the throat, stomach and gastrointestinal tract.

**INHALATION:** Irritation of mucous membrane. May cause dizziness and headaches.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Propylene Glycol Monomethyl Ether	1 - 2	107-98-2
2-propanol	3 - 6	67-63-0

**COMMENTS:** Other Ingredients less than 0.5% Trade Secret.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes, if contact lenses are present remove after 5

minutes and continue flushing, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

**SKIN:** Flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Combustible.

**FIRE FIGHTING PROCEDURES:** Use any standard agent-choose the one most appropriate for type of surrounding fire.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike and contain. Mop up or pick up with wet dry vacuum. Watch out for slippery conditions when spilled.

**LARGE SPILL:** Dike and contain. Mop up or pick up with wet dry vacuum. Watch out for slippery conditions when spilled.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** KEEP OUT OF REACH OF CHILDREN

**HANDLING:** Avoid contact with eyes, skin, or clothing. Consider normal working hygiene.

**STORAGE:** Keep away from sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	Type	EXPOSURE LIMITS		
			ppm	mg/m <sup>3</sup>
Propylene Glycol Monomethyl Ether	ACGIH TLV	TWA	100	369
		STEL	150	553
2-propanol	OSHA PEL	TWA	400	980
	ACGIH TLV	TWA	200	490
		STEL	400	960
	Supplier OEL	TWA	NL	NL
STEL		NL	NL	

**ENGINEERING CONTROLS:** Use local exhaust at filling zones and where leakage is probable.

**COMMENTS:** Wear gloves and safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
Propylene Glycol Monomethyl Ether	90

**ODOR:** Spring Fresh

**APPEARANCE:** Clear

**COLOR:** Clear/Blue

**PHYSICAL STATE COMMENTS:** Liquid

**pH:** 7.4 to 8.4

**PERCENT VOLATILE:** 99

**FLASH POINT AND METHOD:** Greater than 140 dgr. F, TCC

**FLAMMABLE LIMITS:** No information Available

**AUTOIGNITION TEMPERATURE:** (662 °F)

**VAPOR PRESSURE:** No information Available

**VAPOR DENSITY:** Heavier than air.

**BOILING POINT:** No information Available

**FREEZING POINT:** No information Available

**MELTING POINT:** No information Available

**POUR POINT:** No information Available

**THERMAL DECOMPOSITION:** No information Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** No information Available

**DENSITY:** 8.27

**SPECIFIC GRAVITY:** 0.99

**VISCOSITY:** Thin

**MOLECULAR WEIGHT:** No information Available

**(VOC):** No information Available

**OXIDIZING PROPERTIES:** No information Available

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable Under Normal conditions.

**CONDITIONS TO AVOID:** Keep Away from Heat. Keep Containers Closed. Keep away from sparks or open flames.

**INCOMPATIBLE MATERIALS:** Strong Oxidizing Agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Propylene Glycol Monomethyl Ether	5660	13000	15000
2-propanol	5045 mg/kg		73 mg/kg

### CARCINOGENICITY

Chemical Name	IARC Status
2-propanol	3

## 12. ECOLOGICAL INFORMATION

**COMMENTS:** THIS PRODUCT HAS NOT BEEN TESTED.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with federal, state, and local regulations. Contaminated Packaging.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**SPECIAL SHIPPING NOTES:** DOT CLASS: NOT REGULATED # NON-HAZARDOUS FOR AIR, SEA AND ROAD FREIGHT.

## 15. REGULATORY INFORMATION

**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****EPCRA SECTION 313 SUPPLIER NOTIFICATION**

<b>Chemical Name</b>	<b>Wt.%</b>	<b>CAS</b>
2-propanol	3 - 6	67-63-0

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

<b>Chemical Name</b>	<b>CAS</b>
Propylene Glycol Monomethyl Ether	107-98-2
2-propanol	67-63-0

**16. OTHER INFORMATION**

**Date Revised:** 11/30/2016

**REVISION SUMMARY:** This SDS replaces the 11/30/2016 SDS. Revised: **Section 2:** .

**MANUFACTURER DISCLAIMER:** The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.