

# MATERIAL SAFETY DATA SHEET

## THE HALLSTAR COMPANY

### Section 1 - Identification of Substance and Company

**Product Name:** CoSolv™ CPW

**Product Code:** 0627

**Chemical Name:** Nonionic Surfactant Blend

**Supplier:** The HallStar Company <sup>(1)</sup>  
120 S. Riverside Plaza Suite 1620  
Chicago, IL 60606 PH: 877-427-4255  
USA

**HMIS**  
Health: 2  
Flammability: 1  
Reactivity: 0  
Gloves & Safety Glasses

**Information:** (908) 852-6128

**Emergency:** CHEMTREC - (800) 424-9300

### Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS#</u>
Nonionic Surfactant	Proprietary
Ethoxylated Castor Oil	61788-85-0

### Section 3 - Hazard Identification

Pale golden, viscous clear liquid; mild odor.

#### Potential Health Effects

**Skin Contact:** Repeated or prolonged skin contact may cause slight irritation.

**Eye Contact:** May cause moderate to severe irritation.

**Ingestion:** May cause irritation of the mouth and throat, abdominal discomfort, nausea, vomiting, and diarrhea.

**Inhalation:** May cause dizziness.

### Section 4 - First Aid Measures

**Skin Contact:** Remove contaminated clothing. Wash affected skin with soap and water. Seek medical attention if symptoms persist.

**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

**Ingestion:** Give two glasses of water. Do not induce vomiting. Seek medical advice.

**Inhalation:** Person should be moved to a fresh air environment.

### Section 5 - Explosion and Fire-Fighting Measures

**Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Water Fog

**Special Fire-Fighting Procedures:** A MSHA/NIOSH approved self-contained breathing apparatus should be worn.

**Unusual Fire and Explosion Hazards:** Solid stream of water directed at burning liquid may cause frothing.

**Product Name:** CoSolv™ CPW

## Section 6 - Accidental Release/Spill Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

## Section 7 - Handling and Storage

Any use of this product in an elevated process, should be evaluated to establish and maintain safe operating procedures. Keep from contact with oxidizing materials. Containers should be kept tightly closed and stored in a dry well-ventilated place.

This product may contain trace amounts of ethylene oxide (CAS No. 75-21-8), a condition which creates the potential for accumulation of ethylene oxide in the head space of shipping and storage containers and in enclosed areas where the product is being handled or used. Ethylene oxide is listed by OSHA as probably carcinogenic to humans, and IARC as carcinogenic to humans. If this product is handled with adequate ventilation, the presence of these trace amounts is not expected to result in any short or long term hazard.

## Section 8 - Personal Protection

**Hand Protection:** Polyvinyl chloride coated gloves

**Respiratory Protection:** None required for normal operation.

**Eye Protection:** Safety glasses

**Engineering Measures:** For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.

**Other:** Eyewash facility in vicinity.

## Section 9 - Physical and Chemical Properties

<b>Boiling Point:</b>	N/A	<b>Specific Gravity:</b>	1.046
<b>Flash Point (COC):</b>	>200°F	<b>Evaporation Rate:</b>	N/A
<b>Vapor Density (Air=1):</b>	N/A	<b>Solubility in Water:</b>	Soluble
<b>Volatility:</b>	89.6% Solids	<b>pH:</b>	5 (unbuffered)

**Appearance and Odor:** Pale golden, viscous clear liquid; mild odor

## Section 10 - Stability and Reactivity

**Stability:** This product is stable under normal conditions.

**Conditions to Avoid:** Strong oxidizing agents.

**Hazardous Polymerization:** Will not occur under normal circumstances.

## Section 11 - Toxicological Information

No information available at this time.

**Product Name:** CoSolv™ CPW

### Section 12 - Ecological Information

This product does not contain any ozone depleting compounds (ODC's).

### Section 13 - Disposal Considerations

**Waste Disposal Methods:** Material should be disposed of in accordance to current local, state and federal regulations. Contacting a waste disposal service is recommended.

### Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

### Section 15 - Regulatory Information

**Toxic Substances Control Act (TSCA):** This product or its components are listed on the TSCA inventory of the United States.

**Superfund Amendments and Reauthorization Act (SARA):** This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards  
Acute

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients  
None

**California Proposition 65:** This product contains the following substances known to the State of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

<u>Component</u>	<u>CAS #</u>	<u>Amount</u>
Acetaldehyde	75-07-0	0.0003%
1,4-Dioxane	123-91-1	0.00025%
Formaldehyde	50-00-0	0.0002%
Ethylene Oxide	75-21-8	0.0010%

### Section 16 - Other Information

Prepared By: AAC

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All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

<sup>(1)</sup> Affiliated companies include RTD\*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.