

# SAFETY DATA SHEET

Version: 1.2

Date:

03/13/2013



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## 1. PRODUCT AND COMPANY IDENTIFICATION

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### HOLDER 2X2.5 GALLON

**Product Information:** HOLDER 2X2.5 GALLON

**Company Identification:**

Milliken Chemical  
P.O. Box 1926  
Spartanburg, SC, 29303 USA  
1-864-472-9041  
msds@milliken.com

**Emergency telephone number:**

**Chemtrec:**

1-800-424-9300 (Chemtrec - US)  
1-703-527-3887 (International)

**Intended Use:** Chemical Intermediate

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## 2. HAZARDS IDENTIFICATION

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**Emergency Overview**

The health hazards of this product should be low under normal industrial and commercial uses. May cause skin or eye irritation after repeated or prolonged contact.

**HFRP Rating**

Health	1
Flammability	1
Reactivity	0
Personal protection	B

**Eye**

May cause eye irritation. Not known to cause permanent injury to eye tissue.

**Inhalation**

No information regarding inhalation available.

**Skin**

Prolonged or repeated skin contact may cause irritation. Not expected to be a skin irritant

**Ingestion**

No information about adverse effects due to exposure.

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The product has been classified according to the legislation in force.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Product name	CAS Number	Amount
Proprietary Surfactant Blend	Proprietary	100.0 %

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### 4. FIRST AID MEASURES

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<b>Eye</b>	Flush thoroughly with water. If irritation occurs, get medical assistance.
<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Get medical attention if any discomfort continues.
<b>Skin</b>	Wash skin thoroughly with soap and water for several minutes. Immediately remove contaminated clothing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting.

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### 5. FIRE-FIGHTING MEASURES

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#### Flammability Properties

**Flash Point** 204 °C  
Method: Cleveland Open Cup

**Fire Fighting Media** Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**Fire Fighting Instructions** Use standard firefighting procedures and consider the hazards of other involved materials. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Unusual Fire & Explosion Hazards** No unusual fire or explosion hazards noted. Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

#### ACCIDENTAL RELEASE MEASURES

Do not allow to enter drains, sewers or watercourses., In the event of a spill or accidental release, notify relevant authorities in accordance with all

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applicable regulations., Collect and dispose of spillage as indicated in section 13 of the MSDS.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Safety Advice</b>	Wear appropriate personal protective equipment.
<b>Spill Cleanup Methods</b>	Dam and absorb spillages with sand, earth or other non-combustible material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container. In case of spills, beware of slippery floors and surfaces. All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements.

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## 7. HANDLING AND STORAGE

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<b>Handling</b>	No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly with soap and water if skin becomes contaminated. Practice good housekeeping. Provide adequate ventilation if fumes or vapors are generated. Avoid prolonged contact with skin or eyes.
<b>Handling / Physical hazards</b>	Avoid extreme temperatures.
<b>Storage Precautions</b>	Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Keep containers tightly closed.
<b>Remarks</b>	NOTICE: STIR WELL BEFORE USING. KEEP FROM FREEZING.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Appropriate engineering controls</b>	No special requirements under ordinary conditions of use and with adequate ventilation.
<b>Eye protection</b>	Wear necessary protective equipment. Avoid contact with eyes and prolonged skin contact. Where contact with this material is likely, chemical goggles are recommended.
<b>Skin and Body Protection</b>	Wash promptly with soap and water if skin becomes contaminated. Wear protective gloves to minimize skin contamination. When prolonged or frequently repeated contact could occur, use protective clothing impervious to

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this material.

## Personal protection

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Respiratory Protection

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Liquid
<b>Color</b>	Pale yellow
<b>Odor</b>	Characteristic
<b>Flash Point</b>	204 °C Method: Cleveland Open Cup
<b>pH</b>	5.0 - 7.5
<b>Density</b>	1.02 - 1.04 g/cm <sup>3</sup>
<b>Volatiles</b>	< 10 %
<b>Solubility</b>	Soluble
<b>Melting/Freezing Point</b>	If frozen, thaw completely and agitate containers before use.

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## 10. STABILITY AND REACTIVITY

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**Stability** This product is stable at ambient conditions.

**Conditions to avoid** No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the MSDS for additional personal protection advice when handling this product.

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**Hazardous Polymerization**

Hazardous polymerization will not occur.

**Hazardous decomposition products**

Decomposition will not occur if handled and stored properly.

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## 11. TOXICOLOGICAL INFORMATION

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No data available.

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## 12. ECOLOGICAL INFORMATION

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No data available.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Recommendations**

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle empty drums at an appropriate facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Ensure drums are tightly sealed.

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## 14. TRANSPORT INFORMATION

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**Department of Transportation (DOT)**

Not regulated.

**Sea (IMDG)**

Not regulated.

**Air (ICAO/IATA)**

Not regulated.

**Environmental hazards:**

Not regulated.

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## 15. REGULATORY INFORMATION

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Additional information is available by request.

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## 16. OTHER INFORMATION

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The information contained in this Material Safety Data Sheet is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Milliken Chemical.

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