

# SAFETY DATA SHEET

## COMPATIBILITY AGENT

SDS DATE: 07/28/2020

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** COMPATIBILITY AGENT

**DISTRIBUTOR:** CHS Inc.  
5500 Cenex Drive • Inver Grove Heights, MN 55077  
651-355-6000

**EMERGENCY CHEMTREC PHONE:** US & CANADA: 1-800-424-9300

**CHEMICAL NAME:** Proprietary mixture

**CHEMICAL FAMILY:** Emulsifier mixture

**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Compatibility agent

**SECTION 1 NOTES:** None

### SECTION 2: HAZARDS IDENTIFIED

#### GHS Ratings:

Eye damage/ irritation  
Flammable Liquid

#### Toxicity Categories

Skin corrosion/ irritation Category 2  
Category 1  
Category 3



**Signal Word:** DANGER

#### GHS Hazards

H226 Flammable liquid and vapor.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

#### GHS Precautions

P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat, sparks, open flames and hot surfaces. No Smoking.  
P233 Keep container tightly closed.  
P234 Keep only in original container.  
P240 Ground/Bond container and receiving equipment.  
P241 Use explosion-proof electrical, ventilating, lighting and equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing vapors or spray.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves, protective clothing, eye protection and face protection.  
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.  
P303+351+353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P310 Immediately call a POISON CENTER, doctor or physician.  
P362 Take off contaminated clothing and wash it before reuse.  
P370+378 In case of fire: Use foam, dry chemical or CO2 to extinguish.  
P403 Store in well-ventilated place. Keep cool.  
P501 Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

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### SECTION 3: INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Proprietary	Proprietary	50 – 60%
2- Propanol	67-63-0	1 – 5%
Phosphoric acid	7664-38-2	1 – 5%
Proprietary	Proprietary	1 – 5%

**NOTE:** Product does NOT contain any pesticides or pest control agents.

**SECTION 3 NOTES:** These specific chemical identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

#### CARCINOGENICITY

OSHA: No      ACGIH: No      NTP: No      IARC: No      OTHER: No

### SECTION 4: FIRST AID MEASURES

*Have the product container with you when calling a poison control center or doctor, or going for treatment.*

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing for several minutes.

**IF ON SKIN (HAIR OR CLOTHING):** Remove or take off immediately all contaminated clothing. Rinse skin with water or shower for several minutes.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Immediately call a poison center, doctor or physician to specify the appropriate source of emergency medical advice.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

#### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

**SECTION 4 NOTES:** None

### SECTION 5: FIRE FIGHTING MEASURES

#### NFPA HAZARD CLASSIFICATION

HEALTH: 3      FLAMMABILITY: 2      REACTIVITY: 0      OTHER: -

**IN CASE OF FIRE:** Foam, Dry Chemical, CO2.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Phosphorus compounds. The substances/groups of substances mentioned can be released in case of fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Phosphorus compounds, oxides of carbon during fire conditions.

**SECTION 5 NOTES:** None

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

**SECTION 6 NOTES:** None

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**SECTION 7: HANDLING AND STORAGE**

**HANDLING**

Keep out of reach of children. Obtain special instructions before use. Keep away from heat, sparks, open flames and hot surfaces. No Smoking. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Wear protective gloves, protective clothing, eye protection and face protection.

**STORAGE:**

Store locked up. Store in well-ventilated place. Keep cool. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. Do not store with materials labeled "Oxidizers" or oxidizing agents. **STORE BETWEEN 40° AND 90° F.**

**SECTION 7 NOTES:**

None

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

	OSHA		ACGIH		NIOSH	
	PEL	STEL	PEL	STEL	PEL	STEL
2- Propanol 67-63-0	400 ppm TWA; 980 mg/m <sup>3</sup> TWA		200ppm TWA; 400 ppm STEL		400 ppm TWA; 980 mg/m <sup>3</sup> TWA 500 ppm STEL; 1225 mg/m <sup>3</sup> STEL	
Phosphoric acid 7664-38-2	1 mg/m <sup>3</sup> TWA		1 mg/m <sup>3</sup> TWA; 3 mg/m <sup>3</sup> STEL		1 mg/m <sup>3</sup> TWA; 3 mg/m <sup>3</sup> STEL	
Proprietary	100 ppm TWA; 600 mg/m <sup>3</sup> TWA		100ppm TWA; 150 ppm STEL		100 ppm TWA; 600 mg/m <sup>3</sup> TWA 150 ppm STEL; 900 mg/m <sup>3</sup> STEL	


**VENTILATION:**

Normal room ventilation (mechanical) or outdoor use should be satisfactory. **HMIS=D**

**RESPIRATORY PROTECTION:**

Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

**EYE PROTECTION:**

Chemical goggles and face shield. 

**SKIN PROTECTION:**

Chemical gloves, long-sleeved shirts and pants. 

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Eye wash and safety shower should be easily accessible.

**WORK HYGIENIC PRACTICES:**

Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

**EXPOSURE GUIDELINES:**

If exposed, see section 4 for acute exposure first aid.

**SECTION 8 NOTES:**

None

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Amber to gold	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b> Unknown (% BY VOLUME)	<b>LOWER:</b> Unknown
<b>ODOR:</b>	Mild alcohol	<b>VAPOR PRESSURE (mmHg):</b>	@ F: Unknown C: Unknown
<b>ORDER THRESHOLD:</b>	Not known	<b>VAPOR DENSITY (AIR = 1):</b>	@ F: Unknown C: Unknown
<b>PHYSICAL STATE:</b>	Liquid	<b>RELATIVE DENSITY:</b>	1.075 to 1.100
<b>pH AS SUPPLIED:</b>	Not applicable	<b>EVAPORATION RATE:</b>	Unknown
<b>pH (Other):</b>		<b>BASIS (butyl acetate=1):</b>	
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b>	Soluble
<b>BOILING POINT RANGE:</b>	F: Unknown C: Unknown	<b>PARTITION COEFFICIENT: (n-octanol/water):</b>	Unknown
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>AUTO-IGNITION TEMPERATURE:</b>	Unknown
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>DECOMPOSITION TEMPERATURE:</b>	Unknown
<b>FLASH POINT:</b>	F: >133 C: >56	<b>VISCOSITY:</b>	@ Not determined F: Unknown C: Unknown
<b>METHOD USED:</b>	PMCC		
<b>FLAMMABILITY (solid, gas):</b>	Flammable		

#### SECTION 9 NOTES: VALUES ARE NOT PRODUCT SPECIFICATIONS.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

### SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable <input checked="" type="radio"/> Unstable <input type="radio"/>
<b>CONDITIONS TO AVOID (STABILITY):</b>	Excessive heat and open flame.
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	Strong oxidizers, strong alkali.
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	Under fire conditions, carbon and phosphorous oxides.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>CONDITIONS TO AVOID (POLYMERIZATION):</b>	None known
<b>SECTION 10 NOTES:</b>	None

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>TOXICOLOGICAL INFORMATION:</b>	Not available
<b>MIXTURE TOXICITY</b>	Not available
<b>COMPONENT TOXICITY</b>	Not available
<b>SECTION 11 NOTES:</b>	None

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### SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:**  
**ECOTOXICITY:** Not available  
**BIOACCUMULATIVE POTENTIAL:** Not available  
**MOBILITY IN SOIL:** Not available  
**OTHER ADVERSE EFFECTS:** Not available  
**SECTION 12 NOTES:** None

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.  
**RCRA HAZARD CLASS:** None  
**SECTION 13 NOTES:** None

### SECTION 14: TRANSPORT INFORMATION

#### U.S. DEPARTMENT OF TRANSPORTATION

**DOT Shipping Description:** Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains Alkyl phosphate ester)  
**HAZARD CLASS:** 8  
**ID NUMBER:** UN 3265  
**PACKING GROUP:** III



**Note:** Exempt from labeling requirements per 49 CFR 173.154 (b) (2) for any container size up to 5 liters

**Proper shipping name:** Flammable liquids, N.O.S. (contains Isopropyl alcohol)  
**HAZARD CLASS:** 3  
**ID NUMBER:** UN 1993  
**PACKING GROUP:** III



**Note:** Exempt from labeling requirements per 49 CFR 173.150 (b) (2) for any container size up to 5 liters

#### OTHER AGENCIES:

##### SEA TRANSPORT

##### IMDG

**Hazard class:** 8  
**Packing group:** III  
**ID number:** UN 3265  
**Hazard label:** 8  
**Marine pollutant:** NO

**Proper shipping name:** CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (contains Alkyl phosphate ester)

##### AIR TRANSPORT

##### IATA/ICAO

**Hazard class:** 8  
**Packing group:** III  
**ID number:** UN 3265  
**Hazard label:** 8

**Proper shipping name:** CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (contains Alkyl phosphate ester)

**Note:** Exempt from labeling requirements for passenger aircraft for container size up to 5 liters per 49 CFR 173.27 and cargo aircraft for containers up to 60 liters per 49 CFR 175.75

**U.S. Surface Freight Classification:** ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Ingredients listed, mixture not listed or excluded from listing

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not applicable

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**311/312 HAZARD CATEGORIES:** Acute

**313 REPORTABLE INGREDIENTS:** Phosphoric acid below reportable quantities

**STATE REGULATIONS:**

WARNING! This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047).

**INTERNATIONAL REGULATIONS:** None

**SECTION 15 NOTES:** None

**SECTION 16: OTHER INFORMATION**

**OTHER INFORMATION:** None

**DISCLAIMER:**

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.