

# SAFETY DATA SHEET

DATE REVISED: 12/19/2014  
SDS NUMBER: 10233

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CHEMPRO S-910  
**DESCRIPTION:** Agricultural Adjuvant

**MANUFACTURER:** CHEMORSE, LTD  
1596 NE 58<sup>th</sup> Ave.  
Des Moines, IA 50313

**EMERGENCY CONTACT:** In the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving chemicals – call **CHEMTREC (800) 424-9300**

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

**Health:**

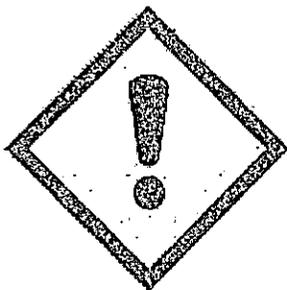
Causes eye irritation (Category 2B)

Causes skin irritation (Category 2)

Harmful if swallowed (Category 4)

Harmful if inhaled (Category 4)

**GHS Label:**



**Signal Word: WARNING**

**Hazards Statements:**

H302 – Harmful if swallowed

H315 – Causes skin irritation

H320 – Causes eye irritation

H332 – Harmful if inhaled

**Precautionary Statements:**

**Prevention:**

- P261 – Avoid breathing mist, vapors, or spray
- P264 – Wash hands, face, and other affected areas thoroughly after handling
- P270 – Do not eat, drink, or smoke when using this product
- P271 – Use only outdoors or in a well ventilated area
- P280 – Wear protective gloves, protective clothing, and eye and/or face protection

**Response:**

- P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell
- P330 – Rinse Mouth
- P302 + P352 – IF ON SKIN: Wash with soap and water
- P332 + P313 – If skin irritation occurs: Get medical advice / attention
- P362 + P364 – Take off contaminated clothing and wash before reuse
- P304 + P312 – IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell
- P304 + P340 – IF INHALED: move person to fresh air and keep at rest in a position comfortable for breathing
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- P337 + P313 – If eye irritation persists: Get medical advice / attention

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS Number	Percentage
Proprietary blend of Surfactants and Coupling Agents	N/A	100%

**4. FIRST AID MEASURES**

**EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**SKIN:** Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INHALED:** After vapor exposure, remove to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self contained breathing apparatus. Keep person warm and at rest in a position comfortable for breathing. If breathing is difficult give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. If heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR). Seek immediate medical attention. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use water spray, alcohol foam, dry chemical, or carbon dioxide (CO<sub>2</sub>)

**FIRE FIGHTING PROCEDURES:** Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Use water spray/fog for cooling containers and

firefighters. Minimize run off if possible. Notify proper authorities if liquid material enters the sewer or public waters.

**FIRE FIGHTING EQUIPMENT:** As with any fire, wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel

**PERSONAL PROTECTIVE EQUIPMENT:** The proper personal protective equipment for incidental releases (such as 1 liter of product released in a well ventilated area), use impermeable gloves, goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with the latest OSHA and/or ANSI recommendations

**ENVIRONMENTAL PRECAUTIONS:** Stop spill at source. Construct temporary dikes of dirt, sand, or appropriate readily available material to prevent spreading of material. Close cap or valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate assistance

**CONTAINMENT AND CLEANUP:** Absorb spilled liquid with polypads or other absorbent materials. If necessary neutralize using suitable buffering material (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as sand, soil, and so on). Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal

## 7. HANDLING AND STORAGE

**HANDLING:** Follow all SDS / label precautions when using this product. Do not reuse the container

**STORAGE:** Minimize exposure to prolonged periods of high temperature for product integrity

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower

**RESPIRATORY PROTECTION:** For most conditions, no respiratory protection should be needed; however, use NIOSH/MSHA approved organic vapor respirator as necessary

**EYE PROTECTION:** Wear OSHA standard chemical splash goggles or safety glasses

**SKIN PROTECTION:** Clean body-covering clothing should be worn. Use impervious gloves such as neoprene and rubber boots

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Amber Liquid
Odor	Alcohol

pH	4 – 7
Freeze / Melting Point	Not Determined
Boiling Point / Range	212°F
Specific Gravity (20°C)	1.01 – 1.04
Flash Point	> 200°F
Color (Gardner)	Not Determined
Solubility in Water	Soluble
Viscosity	Not Determined
Odor Threshold	Not Determined
Evaporation Rate	Not Determined
Upper / Lower Flammability Limits	Not Determined
Vapor Pressure	Not Determined
Vapor Density	Not Determined
Partition Coefficient	Not Determined
Auto-Ignition Point	Not Determined
Decomposition Temperature	Not Determined

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable at ambient temperatures and atmospheric pressure

**CONDITIONS TO AVOID:** Avoid heat and open flame. Isolate from strong oxidizing agents

**HAZARDOUS DECOMPOSITION:** Combustion may yield carbon oxides and other asphyxiants

**HAZARDOUS POLYMERIZATION:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

### ACUTE:

LD <sub>50</sub> Oral	Rat	≥ 1,300 mg/kg
LD <sub>50</sub> Dermal	Rabbit	≥ 2,000 mg/kg

**Eye** – may cause irritation to eyes including redness, tearing, blurred vision and mild discomfort

**Skin** – may cause mild irritation to skin including defatting and dermatitis. Absorption through skin increases exposure. Prolonged exposure may cause more severe irritation such as local redness and swelling

**Inhalation** – may irritate the respiratory tract and cause discomfort to nose and throat

**Ingestion** – Swallowing can cause severe abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product

**CHRONIC:** No Information Available

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No Information Available

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Do not contaminate water, food, or feed by disposal

**PRODUCT DISPOSAL:** P501 – Disposal of contents / container must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).

**EMPTY CONTAINER:** Empty containers must be handled properly due to product residue

**14. TRANSPORTATION INFORMATION**

**SHIPPING DESCRIPTION:** Not Regulated for ground transportation by US DOT

**15. REGULATORY INFORMATION**

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**

**311 / 312 Hazard Categories – Acute and Chronic Health Hazard**

**313 Reportable Ingredients**

<u>Component</u>	<u>CAS #</u>	<u>RO (lbs)</u>	<u>Amount</u>
Ethylene Oxide	75-21-8	10	≤ 0.0001%

**302 / 304 Emergency Planning – None**

**CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT**

**(PROPOSITION 65)** – This product contains the following chemicals known to the state of California to cause cancer or reproductive toxicity

<u>Component</u>	<u>CAS #</u>	<u>Amount</u>
Ethylene Oxide	75-21-8	≤ 0.0001%

**TRACE ELEMENTS:** Trace ingredients (if any) are present in < 1% concentration (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute a significant additional hazard at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), US State equivalents, and Canadian Hazardous Material Identification System Standard (CPR 4).

**16. OTHER INFORMATION**

**REASON FOR ISSUE:** formatting updates

**APPROVAL BY:** Joe Pieper – Technical Services Manager

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