

SAFETY DATA SHEET



Chemsurf™ / 90

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Chemsurf™ / 90

UNITY ITEM NO. 1688193

DESCRIPTION: Agricultural Adjuvant

SUPPLIER: Winfield Solutions, LLC

P.O. Box 64589

St. Paul, MN 55164-0589

Non-Emergency Business Inquiries: 1-855-494-6343 (Mon-Fri 8am-5pm CST)

EMERGENCY CONTACT:

FOR MEDICAL EMERGENCY CALL: 1-877-424-7452 (24-hour number)

FOR CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CONTACT CHEMTREC: 1-800-424-9300 (24-hour number)

2. HAZARDS IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS HAZARD CLASSIFICATIONS

Skin irritation (category 3)

Serious Eye damage/eye irritation (category 2b)

HAZARD STATEMENTS

Causes eye irritation.

Causes mild skin irritation.

GHS LABEL: No pictogram required

SIGNAL WORD: WARNING

PRECAUTIONARY STATEMENTS:

Prevention:

Wash hands, face, and other affected areas thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Response:

If in eyes: Rinse cautiously with water for 15-20 minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical attention.

If on skin: If skin irritation occurs seek medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Percentage
Proprietary blend of surfactants	Mixture	100%

4. FIRST AID MEASURES

IF IN EYES: Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If eye irritation persists: Get medical advice.

IF ON SKIN: Take off contaminated clothing and wash it before reuse. Rinse skin with plenty of soap and water for 15-20 minutes. If skin irritation occurs or if you feel unwell, call a poison control center or doctor for treatment advice.

IF SWALLOWED: Rinse mouth. Call a poison control center or doctor for treatment advice if you feel unwell. Do not induce vomiting unless told to do so by a poison control center or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor for treatment advice if you feel unwell.

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

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: water spray, dry chemical, foam or carbon dioxide (CO₂)

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. Water may be ineffective in fire fighting. Use water spray/fog for cooling containers and firefighters. 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, safety goggles, 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. Caution – floor may be slippery, use care to avoid falling. 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: Keep out of reach of children. Avoid breathing fumes, mist, vapors or spray. Follow all SDS/label precautions when using this product. Do not reuse the container. Use only outdoors or in a well-ventilated area. See Section 8 and the product label for information on appropriate PPE. Do not eat, drink, or smoke when using this product.

STORAGE: Store between 32°F and 104°F. Store in a secure, cool, dry place away from children, food and feed products. Store in original container only. Keep container tightly closed when not in use. Do not use, store or spill near heat or open flames. Take care to prevent water from being introduced to the contents of this container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

PERMISSABLE EXPOSURE LIMITS:	OSHA PEL
1,2,3-Propanetriol (mist)	15 mg/m ³

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower. General room ventilation is required. Maintain adequate ventilation, especially in confined areas.

Ventilation System: A system of local and / or general exhaust may be necessary to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emission of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

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.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be need. Use impervious gloves such as neoprene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light yellow to amber liquid
Odor	Mild
pH (neat)	5 - 8
Freeze / Melting Point	< 32°F
Boiling Point / Range	Not Determined
Specific Gravity (20°C)	1.15 – 1.25
Flash Point	> 93°C
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 oxidizing materials.

HAZARDOUS DECOMPOSITION: Can produce carbon oxides, hydrogen sulfide, nitrogen oxides, sulfur dioxide and hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE: Based on product composition.

LD ₅₀ Oral	Rat	> 5,000 mg/kg
LD ₅₀ Dermal	Rabbit	> 5,000 mg/kg

Possible Health Effects:

Eye and Skin Contact – Causes eye irritation. May cause mild skin irritation.

Inhalation – not determined.

Ingestion – product is not considered to be toxic, ingestion can result in gastrointestinal irritation and diarrhea.

Chronic exposure: no data available

Aggravation of pre-existing conditions: no data available

Specific Target Organ Toxicity – Single Exposure: no data available

Specific Target Organ Toxicity – Repeated Exposure: no data available

Germ Cell Mutagenicity: no data available

Reproductive Toxicity: no data available

Aspiration Hazard: no data available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not determined.

13. DISPOSAL CONSIDERATIONS

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

PRODUCT DISPOSAL: 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. See product label for further information on container disposal.

14. TRANSPORTATION INFORMATION

SHIPPING DESCRIPTION: Not regulated for ground transportation by US DOT.

15. REGULATORY INFORMATION

SARA TITLE III (Superfund Amendments and Reauthorization Act):

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (Proposition 65):

None

16. OTHER INFORMATION

Date of Issue: January 24, 2019 (new)

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