

Safety Data Sheet


BLENDER

SDS Number: 123 Revision: February 1, 2017

Section 1 · IDENTIFICATION

Product Name	Blender	
<i>Other Identification</i>	Compatibility agent	
Recommended Use	Agricultural spray adjuvant.	
Manufacturer		
<i>Company Name</i>	Custom Ag Formulators, Inc.	
<i>Address</i>	3430 S Willow Ave, Fresno, CA 93725, United States	
<i>Telephone</i>	(800) 355-4457	
<i>Website</i>	www.4caf.com	
Emergency Contacts	Custom Ag Formulators, Inc.	(559) 435-1052
	CHEMTREC	(800) 424-9300 (Domestic) (703) 527-3887 (International)

Section 2 · HAZARD(S) IDENTIFICATION

Signal Word	Warning
<i>Label</i>	
Physical Hazards	Not Classified.
Health Hazards	Category 0
Reactivity Hazards	Category 0
Environmental Hazards	Category 0
Flammability Hazards	Category 0
OSHA Defined Hazards	Not Classified.
Hazard Statement	<p>KEEP OUT OF REACH OF CHILDREN</p> <p>In Case of Fire: Media as needed to control primary source of fire.</p> <p>If Swallowed: Call a Physician. Never give anything by mouth to an unconscious person.</p> <p>If on Skin or Hair: Remove contaminated clothing and launder before reuse. Wash affected area with soap and water.</p> <p>If in Eye: Immediately flush eye with large quantities of water for at least 15 minutes, occasionally lifting lower and upper lids. Call a physician.</p> <p>If Inhaled: Remove from contaminated atmosphere. If symptoms persist, consult a physician.</p>
Storage	Store locked up.



Disposal Dispose of contents/container in accordance with local, regional, national, and international regulations.

Section 3 · COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

<i>Chemical Name</i>	<i>Common Name & Synonyms</i>	<i>CAS Number</i>	<i>%</i>
Ethoxylated Alcohol Phosphate	N/A	71-36-3	Proprietary
N-Butyl Alcohol			

Section 4 · FIRST-AID MEASURES

Inhalation	When symptoms occur: go into open air and ventilate suspected area. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.
Ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Section 5 · FIRE-FIGHTING MEASURES

Suitable extinguishing	Not flammable, use media suitable for combustibles involved in fire.
Unsuitable extinguishing	None known.
Specific hazards arising from the chemical	None known.
Special protective equipment and precautions for firefighters	Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.
Fire-fighting equipment/instructions	Do not breathe fumes from fires or vapors from decomposition. Do not allow run-off from firefighting to enter drains or water courses.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 · ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid all contact with skin, eyes, or clothing. Avoid breathing vapor, mist, or spray. Use appropriate personal protection equipment (PPE). Evacuate unnecessary personnel.

Methods and materials for containment and cleaning up

Large Spills Shut off release if safe to do so. Dike spill area with earth, sand or other inert absorbents to prevent runoff into surface waterways (potential aquatic toxicity), storm drains or sewers. Recover as much of the spilled product as possible using portable pump and hoses. Use recovered material as originally intended or dispose of as a chemical waste. Treat remaining material as a small release (above).

Small Spills Confine and absorb small releases with sand, earth or other inert absorbents. Shovel up the absorbed material and place in drums for disposal as a chemical waste or recycle as a fertilizer as the original product was intended.

Environmental precautions

Keep out of “waters of the United States” because of potential aquatic toxicity. This product is a non-hazardous liquid.

Section 7 · HANDLING & STORAGE

Precautions for safe handling

Avoid contact with eyes. Use only in a well-ventilated area. Wash thoroughly after handling. Avoid prolonged or repeated contact with the skin.

Conditions for safe storage, including any incompatibilities

Store in cool dry areas. Do not store combustibles in the area of storage vessels. Keep away from any sources of heat or flame. Store totes and smaller containers out of direct sunlight at moderate temperatures. (See Section 10.5 for materials of construction.)

Section 8 · EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Use adequate exhaust ventilation to prevent inhalation of product vapors. Keep eye wash/safety shower in areas where product is commonly handled.

Personal protective equipment (PPE)

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection Neoprene rubber gloves and apron should be worn to prevent repeated or prolonged contact with the liquid. Wash contaminated clothing prior to reuse.

Hand protection Wear appropriate chemical resistant gloves.

Respiratory protection None generally required. If conditions exist where mist may be generated, a NIOSH/MSHA approved mist respirator should be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

There are no known hazards associated with this product when use as recommended, however common good industrial hygiene practices should

be followed, such as washing thoroughly after handling and before eating or drinking.

Section 9 · **PHYSICAL & CHEMICAL PROPERTIES**

Appearance	Yellow, liquid.
Odor	Mild fatty odor
Odor threshold	N/A
pH	N/A
Melting point/freezing point	N/A
Initial boiling point and boiling range	> 300 °F
Flash point	> 112 °F
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper/lower flammability or explosive limits	
<i>Flammability limit - lower (%)</i>	N/A
<i>Flammability limit - upper (%)</i>	N/A
Explosive limit - lower (%)	N/A
Explosive limit - upper (%)	N/A
Vapor density	N/A
Relative density	N/A
Specific gravity	1.11
Solubility(ies)	
<i>Solubility (water)</i>	100%
Partition coefficient (n-octanol/water)	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Viscosity	N/A

Section 10 · **STABILITY & REACTIVITY**

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	Hazardous polymerization will not occur
Conditions to avoid	Incompatible materials.
Incompatible materials	Strong oxidants such as liquid chlorine, enriched oxygen and sodium or calcium hypochlorite.
Hazardous decomposition products	None currently known.

Section 11 · **TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure:

<i>Ingestion</i>	Not determined.
<i>Inhalation</i>	Not determined.
<i>Skin Contact</i>	Not determined.



Eye Contact Not determined.

Symptoms related to the physical, chemical and toxicological characteristics Not determined.

Information on toxicological effects:

Acute toxicity Not determined.

Skin corrosion/irritation Not determined.

Serious eye damage/eye irritation Not determined.

Respiratory or skin sensitization

Respiratory sensitization Not determined.

Skin sensitization Not determined.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not available.

Section 12 · ECOLOGICAL INFORMATION

Ecotoxicity No data available.

Persistence and degradability No data available.

Bio accumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 · DISPOSAL CONSIDERATION



Disposal instructions	Consult federal, state and local regulations for disposal requirements.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 · **TRANSPORT INFORMATION**

General Not DOT regulated in domestic (USA ground) transportation in package sizes less than 3,550 lbs (317 gallons); 1,610 kg (1,200 liters). The DOT transportation information below is for shipments with package sizes equal to or exceeding this value. IMDG Regulated Marine Pollutant.

DOT - Basic shipping requirements:

<i>UN number</i>	Not regulated for transport
<i>DOT Label</i>	Not regulated for transport
<i>Proper shipping name</i>	Ag adjuvant, Liquid, NMFC 4612
<i>Hazard class</i>	Not regulated for transport
<i>Packing group</i>	Not regulated for transport

IMGD - Basic shipping requirements:

<i>UN number</i>	Not regulated for transport
<i>IMGD Label</i>	Not regulated for transport
<i>Proper shipping name</i>	Ag adjuvant, Liquid, NMFC 4612
<i>Hazard class</i>	Not regulated for transport
<i>Packing group</i>	Not regulated for transport
<i>EMS NO</i>	Not regulated for transport

IATA - Basic shipping requirements:

<i>UN number</i>	Not regulated for transport
<i>Proper shipping name</i>	Ag adjuvant, Liquid, NMFC 4612
<i>Hazard class</i>	Not regulated for transport
<i>Packing group</i>	Not regulated for transport
<i>OCAP</i>	Not regulated for transport

Environmental hazards

Marine pollutant N/A

Special precautions Read safety instructions, SDS and emergency procedures before handling.

Section 15 · **REGULATORY INFORMATION**

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.



Proposition 65 (CA) Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

Reportable Quantity Not applicable

SARA 304 Emergency release notification Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<i>Hazard categories</i>	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No

SARA 302 Extremely hazardous substance Not listed

SARA 311/312 Hazardous chemical None

Section 16 · OTHER INFORMATION

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Disclaimer The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.