

# MATERIAL SAFETY DATA SHEET

FIRST CHOICE® 4440 SPREADER STICKER

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Issue Date: 02/01

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Chemical Product

FIRST CHOICE® 4440 SPREADER/STICKER

CA Reg. No.

11656-50088-ZA

Common Name:

Spreader/sticker surfactant (Adjuvant).

Chemical Description:

Liquid mixture of nonionic surfactant/ vegetable oil

TSCA/CAS No.:

This product is a mixture – there is no specific CAS number

### Manufactured For

Western Farm Service, Inc.

P. O. Box 1168

Fresno, CA 93715

(559) 438-6133

### Emergency Phone Numbers

Emergency Telephone:

CHEMTREC (24-Hour Response): (800) 424-9300

EPA National Response Center:

(800) 424-8802

## SECTION 2. HAZARDOUS INGREDIENTS

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>%</u>	<u>TLV OR PEL</u>	<u>RQ (lbs)</u>
POE Nonylphenols	9016-45-9	16.0	N.A. *	N.A.
Isopropyl alcohol	67-63-0	3.0	400ppm (PEL)	N.A.

\* N.A. - Not Available.

## SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Thick amber liquid with vegetable oil-like odor. Avoid contact with strong acids or oxidizing agents, or materials reactive with hydroxyl compounds. Burning may result in formation of carbon oxides. D.O.T. flammable liquid.

HEALTH: 1

REACTIVITY: 0

FLAMMABILITY: 1

ENVIRONMENT: 1

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

## SECTION 4. FIRST AID

Eyes: Immediately flush eyes with plenty of water and get medical attention.

Skin: Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. If irritation persists, seek medical attention.

Ingestion: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. If so advised by a physician or Poison Control Center, induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Inhalation: Move to fresh air. If breathing becomes difficult, call a physician.

**SECTION 2. FIRE AND EXPLOSION HAZARDS**

Flash Point:	85°F.
Test Method:	ASTM-D93
LEL Flammable Limits:	Not pertinent
UEL Flammable Limits:	Not pertinent
Autoignition Temperature:	Not pertinent
Flammability Classification:	Flammable
Known Hazardous Products of Combustion:	None
Properties that Initiate/Contribute to Intensity of Fire:	None
Potential For Dust Explosion:	None
Reactions that Release Flammable Gases or Vapors:	Not known
Potential For Release of Flammable Vapors:	None
Unusual Fire & Explosion Hazards:	None
Extinguishing Media:	Water, foam, CO <sub>2</sub> , dry chemical
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

**SECTION 6. SPILLS AND LEAKS**

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

**SECTION 7. STORAGE AND HANDLING**

Storage:	Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Keep away from strong acids and/or oxidizing agents. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Harmful if swallowed. May cause irritation of eyes, nose, throat and skin. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Wash thoroughly after handling. Remove contaminated clothing and wash thoroughly before reuse. Do not contaminate feed and foodstuffs. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

**SECTION 8. PERSONAL PROTECTIVE EQUIPMENT**

Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves and clothes.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

**SECTION 9. PHYSICAL AND CHEMICAL DATA**

Appearance:	Thick amber liquid
Odor:Vegetable	Oil-like
pH:	7.0
Vapor Pressure:	0.70 (psi)
Vapor Density (Air=1):	<1.0
Boiling Point:	78.9°C (174°F)
Freezing Point:	Not available.
Water Solubility:	Emulsifiable
Density:	7.51 lbs./gal.
Evaporation Rate:	Not available
Viscosity:	Not available
% Volatile:	None
Octanol/Water Partition Coefficient:	Not available
Saturated Vapor Concentration:	Not available

**SECTION 10. STABILITY AND REACTIVITY**

Stability:	Stable
Conditions To Avoid:	Avoid contact with strong acids, oxidizing agents or materials reactive with hydroxyl compounds
Incompatibility:	Not available
Hazardous Decomposition Products:	Burning may result in formation of carbon oxides
Hazardous Polymerization:	Will not occur

**SECTION 11. POTENTIAL HEALTH EFFECTS**Acute Effects:

Eyes:	Mild irritant. May cause redness and/or burning.
Skin:	Mild irritant, especially from prolonged exposure. Causes redness, drying and cracking.
Ingestion:	D <sub>50</sub> (Rat) > 5000 mg/kg.
Inhalation:	None expected but aerosol mist may cause mild irritation of nasal mucous membranes.

Subchronic Effects:

None known.

Chronic Effects:

None known.

**SECTION 12. ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Not known.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

**SECTION 13. DISPOSAL**

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14.	TRANSPORTATION
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## D.O.T. PROPER SHIPPING DESCRIPTION:

12/1 Pts., 4/1 Gal.

Flammable Liquid, N.O.S. (Isopropanol), 3, UN 1993, PG III, Ltd. Qty. (No Hazard Labels/Placards Required) ERG #128.

2/2.5 Gal.; 5 Gal.

Flammable Liquid, N.O.S. (Isopropanol), 3, 55 Gal. UN 1993, PG III. (Placards Required For Loads More Than 1,001 Lbs.) ERG #128.

## OTHER SHIPPING INFORMATION:

Adhesives, Adjuvants, Spreaders or Stickers, Liquid.

(NMFC Item 4612, LTL Class 60)

SECTION 15.	REGULATORY INFORMATION
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CERCLA:

None.

SARA TITLE III, Section 313 Toxic Chemicals:

Isopropyl alcohol (4.5%).

SECTION 16.	OTHER
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All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.

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