



HSCOC

High Surfactant Crop Oil Concentrate

Features and Benefits

- Added surfactant helps improve spreading vs. conventional crop oils.
- Low phytotoxicity potential when used in-crop
- Can be used at half the rate of conventional oils
- Low phytotoxicity potential when used in-crop
- Use rate of .5%-1% volume of spray solution or half the use rate of conventional crop oil concentrates
- Paraffin Base Petroleum Oil 60.0% Polyol Fatty Acid Esters, Polyethoxylated Derivatives 40.0%
- 7.52 # /gal
- Store between 40 -120 degrees

Engenia	Xtendimax	Enlist One
Approved w/ DRA	Approved w/ DRA	Approved



Central Valley Ag
2803 N Nebraska
York, NE 68467-0429

KEEP OUT OF REACH OF CHILDREN

DANGER

READ ENTIRE LABEL BEFORE USING



May be fatal if swallowed and enters airways.
May be harmful if swallowed or when in contact with skin.

Causes mild skin irritation. Causes mild eye irritation.

PRECAUTIONARY STATEMENTS

Wash hands, face and other affected areas thoroughly after handling. Read and follow all precautionary statements on the accompanying pesticide label(s).

FIRST AID

CALL A POISON CONTROL CENTER OR DOCTOR IF YOU FEEL UNWELL

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

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If skin irritation occurs: Get medical attention.

IF SWALLOWED: Immediately call a poison control center or doctor. DO NOT induce vomiting. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

In case of medical emergency, call toll free 1-877-424-7452.

Central Valley Ag
2803 N. Nebraska, P.O. Box 429
York, NE 68467-0429
1-888-343-0323

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PRINCIPAL FUNCTIONING AGENTS

Paraffin Base Petroleum Oil	60.0%
Polyol Fatty Acid Esters, Polyethoxylated Derivatives	40.0%
TOTAL	100.0%

Surfactant Content 40%

Components exempt from tolerance under 40CFR 180

Unsulphonated residue value – U.R. 92% minimum

GENERAL INFORMATION

ELITE HSOC-COC is a high surfactant paraffinic oil concentrate that improves droplet spreading, coverage and penetration of the leaf cuticle. **HSOC-COC** is designed for use at about half the use rate of traditional crop oil concentrates. It can be used with a broad range of pesticides where crop oil adjuvants are recommended. Care should be taken to avoid phytotoxicity when treating sensitive crops during drought stress, high temperatures and high humidity.

DIRECTIONS FOR USE

Prior to use read all directions on this label and on the label of the pesticide product used. The pesticide product label for specific usages and restrictions have precedence over directions for uses referred to on this label.

MIXING INSTRUCTIONS

SHAKE WELL OR RECIRCULATE BEFORE USE. (Recirculate bulk if stored below 32°F)

1. Fill sprayer 1/3 to 1/2 full of water
2. Add dry flowables or dispersible granules
3. Add emulsifiable concentrates
4. Continue to agitate until tank is 3/4 full
5. Add **HSOC-COC** last to the agitating spray tank

RECOMMENDED RATES

HSOC-COC should be applied at a rate of 4 pints per 100 gallons or 0.5% v/v in ground, aerial, low volume applications. If conventional crop oil concentrate is recommended at a rate of 1 quart per acre replace with **HSOC-COC** at a rate of 1 pint per acre. **HSOC-COC** rates are generally one half the rate of conventional crop oil concentrates.

STORAGE AND DISPOSAL

Storage: Store locked up. Store in original container. Keep container tightly closed. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal waste or by cleaning of equipment. Keep away from food, feed or other product, especially oxidizing agents, to prevent contamination.

Disposal: Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to www.agrecycling.org for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations. Dispose of contents in accordance with Federal, state and local regulations.

For Chemical Emergency, Involving A Spill, Leak, Fire, Exposure, or Accident, Call: CHEMTREC 1-800-424-9300

NOTICE OF WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

All other trademarks are the property of their respective owners.

NET CONTENTS

SAFETY DATA SHEET ELITE HSOC-COC

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ELITE HSOC-COC
CHEMICAL FAMILY: Paraffinic Oil / Surfactant
GENERIC NAME: Mixture

COMPANY:

Central Valley Ag
2803 N. Nebraska
P.O. Box 429
York, NE 68467-0429

Non-Emergency Business Inquiries: 1-888-343-0323

MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24 hrs)

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300

2. HAZARD IDENTIFICATION

GHS CLASSIFICATIONS Health:

Skin Irritation, Category 3
Eye Irritation, Category 2B
Aspiration Hazard, Category 1

GHS LABEL



SIGNAL WORD: DANGER

HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways
H316: Causes mild skin irritation.
H320: Causes eye irritation.

PRECAUTIONARY STATEMENTS

General:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.

Prevention:

P264: Wash hands, face and other affected areas thoroughly after handling.

Response:

P301+P310+P331: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P337+P313: If eye irritation persists: Get medical advice/attention.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to Local, State and Federal Regulations.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: May cause mild skin irritation.

INGESTION: Contains petroleum distillates. May be fatal if swallowed and enters airways.

INHALATION: Inhalation is not expected to be a route of entry that causes concern.

CARCINOGENICITY: Not Listed as a carcinogen by NTP, OSHA, or ACGIH standards

SENSITIZATION: Not a skin sensitizer.

COMMENTS HEALTH: Read all precautions of products being handled and follow the most restrictive language for all products to provide the safest work environment.

COMMENTS: KEEP OUT OF REACH OF CHILDREN.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Paraffin Base Petroleum Oil	60	64741-89-5
Polyol Fatty Acid Esters, Polyethoxylated Derivatives	40	Mixture

4. FIRST AID MEASURES

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

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice if irritation persists.

INGESTION: Immediately call a poison control center or doctor. Do NOT induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice if you feel unwell.

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

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Toxic fumes may be emitted in a fire situation.

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

EXPLOSION HAZARDS: No specific explosion hazards are identified or expected.

FIRE FIGHTING PROCEDURES: Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

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

FIRE EXPLOSION: No specific explosion hazards are identified or expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a landfill appropriate for non-hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

LARGE SPILL: Dike around the spill area to prevent spreading. Pick up spilled material with suitable absorbent material and place in appropriate container for disposal. Place it and unusable containers in a landfill appropriate for non-hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not contaminate any body of water.

LAND SPILL: Avoid runoff onto any adjacent land.

SPECIAL PROTECTIVE EQUIPMENT: Always wear proper protective equipment when handling this product.

7. HANDLING AND STORAGE

HANDLING: Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE: Store in original container. Keep container tightly closed. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal waste or by cleaning of equipment. Keep away from food, feed or other product, especially oxidizing agents, to prevent contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical goggles or shielded safety glasses (ANSI Z87.1 or approved equivalent) when handling and mixing product. Contact lenses are not protective eye devices. An emergency eyewash or water supply should be readily accessible to the work area.

SKIN: Wear protective clothing: long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

RESPIRATORY: Work in a well-ventilated area; exposure to airborne contaminants is not expected to cause concern.

PROTECTIVE CLOTHING: Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

COMMENTS: Nuisance Dust TLV (Units): 5mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Bland

APPEARANCE: Liquid

COLOR: Colorless to slight yellow

pH: 6 to 8

FLASH POINT AND METHOD: > (200°F) PMCC

VAPOR DENSITY: 10

BOILING POINT: Not Established

SOLUBILITY IN WATER: Dispersible

EVAPORATION RATE: (Ether = 1): 1000X slower

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DENSITY: 7.33-7.67 lbs/gal.

SPECIFIC GRAVITY: 0.88 to 0.92 g/mL

COMMENTS: 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.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may yield carbon monoxide, carbon dioxide and other hazardous gas.

INCOMPATIBLE MATERIALS: Strong oxidizing and reducing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 2000 mg/kg

ORAL LD₅₀: > 2000 mg/kg

Note: This product is an Aspirational Hazard. May be fatal if swallowed and enters airways.

INHALATION LC₅₀: Not Established

EYE EFFECTS: Causes eye irritation.

SKIN EFFECTS: May cause mild irritation

CARCINOGENICITY

Notes: Not listed in OSHA, NTP, IARC or ACGIH

SENSITIZATION: Not a contact sensitizer

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Ecotoxicity information is not available. This product is not for use in aquatic settings.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PRIMARY HAZARD CLASS/DIVISION: Not regulated by DOT

PLACARDS: None

LABEL: None

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: Not Listed

ELITE HSOC-COC

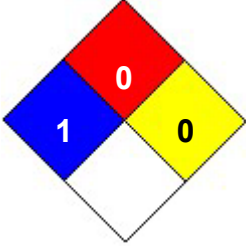
CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT) CERCLA

RQ: Not Listed

CALIFORNIA PROPOSITION 65: Not Listed

16. OTHER INFORMATION

NFPA CODES



Disclaimer: The information presented herein is based on available data from reliable sources and is correct to the best of Central Valley Ag's knowledge. Central Valley Ag makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

REVISION DATE: June 9, 2022

SUPERCEDES SDS DATED: NA

SECTIONS REVISED: NA