



DRIFT & DEPOSITION

Drift and Deposition Oil based adjuvant

Features and Benefits

- Reduces driftable fine droplets across a wide range of tank mixtures and nozzles
- Does not substantially increase coarse droplets, providing excellent coverage
- Oil-based formulation does not thicken the spray
- Helps improve deposition deep in the canopy
- Use rate for deposition: 2-4/ac
- Use rate for drift and deposition 4-6 oz/A
- 7.38 # per gallon
- Store between 32 – 104 degrees

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



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

DRIFT AND DEPOSITION

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Harmful if inhaled. Avoid breathing spray mist. Remove and wash contaminated clothing before reuse.

FIRST AID

If in eyes: Hold eye 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 eye. Call a poison control center or doctor for treatment advice.

If on 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 swallowed: 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.

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.

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

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:

Vegetable oils, polysorbate	100%
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All ingredients are exempt from the requirements of a tolerance in 40 CFR 180.

GENERAL INFORMATION

ELITE DRIFT AND DEPOSITION is a drift and deposition aid that improves coverage on the intended target by reducing the amount of fine droplets in a spray that are susceptible to drift or evaporation. **DRIFT AND DEPOSITION** does not substantially increase coarse droplets, allowing it to optimize deposition and coverage, enhancing pesticide performance. **DRIFT AND DEPOSITION** functions by ground and by air. Always use **DRIFT AND DEPOSITION** with appropriate nozzle choice, boom height, and pressure for optimal drift reduction.

DIRECTIONS FOR USE

For use with Herbicides (including desiccants), Insecticides and Fungicides:
Prior to use, read all directions on this label.

Drift Reduction:

To reduce drift, add **DRIFT AND DEPOSITION** at a rate of 4-6 oz/A in solutions of 5 to 25 GPA. For >25 GPA, use 8-10 oz/A. Do not exceed 1% of finished spray volume. The higher use rate is recommended when spraying at high pressure and in higher GPA solutions. Before mixing pesticides with **DRIFT AND DEPOSITION**, conduct a jar test to determine compatibility.

Deposition Aid:

To enhance deposition only, with insecticides or fungicides, use 2 to 4 oz/A in solutions of 5 to 25 GPA.

Aquatic Use: **DRIFT AND DEPOSITION** can be used for aquatic applications including surface water at a rate of 4 to 6 oz/A. Do not exceed 6 oz/A. Always follow tank mix product labels for specific directions and precautions.

MIXING INSTRUCTIONS

SHAKE WELL OR RECIRCULATE BEFORE USE

Add **DRIFT AND DEPOSITION** after pesticides or other adjuvants are added but prior to complete filling of the spray tank.

For Direct Injection: DRIFT AND DEPOSITION can be applied through injection systems where **DRIFT AND DEPOSITION** is added to one of the system's chemical injection tanks. An in-line mixing chamber is recommended.

- Step 1 Add **DRIFT AND DEPOSITION** to the chemical injection tank.
- Step 2 Pump the correct amount of **DRIFT AND DEPOSITION** into the line.
- Step 3 Pump the proper amount of water, pesticide, and other adjuvants into the line for mixing with **DRIFT AND DEPOSITION** and chemicals before going into the spray boom.

Do not mix **DRIFT AND DEPOSITION** with other undiluted adjuvants in an induction system or container. Once mixed in water, **DRIFT AND DEPOSITION** is compatible with most other adjuvants in any mixing order.

MAINTAIN AGITATION AT ALL TIMES UNTIL THE CONTENTS OF THE TANK ARE SPRAYED OUT.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

STORAGE: Store in original container only and keep sealed. Store in closed storage areas.

ADJUVANT DISPOSAL: Wastes resulting from the use of this product may be disposed of through on-site spray application or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best

option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. Contact your state and local ACRC recycler or visit the ACRC web page at www.agrecycling.org. Decontaminated containers may also be disposed of in a sanitary landfill.

FOR CHEMICAL EMERGENCY: 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 DRIFT AND DEPOSITION

NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY
0	Least			Not regulated by the U.S. DOT as a hazardous material. See Section 14 for additional information.
1	Slight	1	Health	
2	Moderate	0	Flammability	
3	High	0	Reactivity	
4	Severe			

SECTION 1: IDENTIFICATION	
Product Name:	ELITE DRIFT AND DEPOSITION
EPA Registration #:	Exempt
Common Name:	Spray drift control agent
Chemical Description:	Spray drift control agent
Recommended Uses:	Adjuvant – See product label for full directions for use.
Restrictions for Use:	See product label for any potential use restrictions.
COMPANY:	Central Valley Ag 2803 N. Nebraska P.O. Box 429 York, NE 68467-0429
MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24hrs)	
Non-Emergency Business Inquiries: 1-888-343-0323	
FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300 (24 hours)	

SECTION 2: HAZARDS IDENTIFICATION			
EMERGENCY OVERVIEW: Clear to hazy liquid with a mild odor. Based on currently available data, this product does not meet the regulatory definition of a hazardous chemical. However, good industrial hygiene practices should be used in handling the product.			
POTENTIAL HEALTH EFFECTS:			
Eyes: May cause mild but reversible eye irritation.			
Skin: May cause mild but reversible skin irritation.			
Inhalation: May cause minor irritation of the upper respiratory tract.			
Ingestion: May cause minor irritation of the digestive tract.			
Preexisting Conditions: None known			
Chronic Health Effects: None known			
Carcinogenicity	NTP: Not listed	IARC: Not listed	OSHA: Not listed
OSHA HCS 2012 CLASSIFICATION: This product does not meet the definition of a hazardous chemical under OSHA's Hazard Communication Standard.			
SIGNAL WORD: CAUTION			
HAZARD STATEMENTS:			
Percent of product with unknown toxicity: 0%			
PRECAUTIONARY STATEMENTS:			
Prevention:	See Section 8 for personal protective equipment.		
Response:	See Section 4 for first aid information.		
Storage:	See Section 7 for storage information.		
Disposal:	See Section 13 for disposal information.		

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	% (wt)	CAS Reg. #
Alkyl benzenesulfonic acid, calcium salt	<1.5%	84989-14-0
Isobutyl alcohol	<0.50%	78-83-1
*Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(i).		
See Section 8 for exposure limits.		

SECTION 4: FIRST AID MEASURES	
Inhalation:	Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.
Ingestion:	Seek medical attention or call a poison control center for treatment advice. Do not induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Eyes:	Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if eye irritation persists.
Skin:	Remove contaminated clothing and wash before re-using. Flush skin with water and then wash with soap and water. Seek medical attention if skin irritation persists.

SECTION 5: FIRE FIGHTING MEASURES
Suitable Extinguishing Media: Foam, Dry chemical, Carbon dioxide, Water fog
Unsuitable Extinguishing Media: Water jet. Use a water jet only to cool heated containers.
Special Fire Fighting Procedures: Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Avoid breathing vapors; keep upwind.
Hazardous Combustion Products: Asphyxiates such as carbon monoxide may result from combustion.
Unusual Fire and Explosion Hazards: Product will burn under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES
Personal Precautions: Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.
Environmental Precautions: Keep spilled product from entering sewers or waterways.
Methods for Containment: Contain spilled product by diking area with sand or earth.
Methods for Clean-up: Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop, or sweep up material and place in a container for disposal. Do not place spilled material back in original container.
Other Information: None known

SECTION 7: HANDLING AND STORAGE
Handling: Ensure adequate ventilation during handling and use. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.
Storage: Store in cool, dry areas away from children, food and feed products in an area away from incompatible substances. Protect packaging from physical damage. Protect from exposure to fire. Storage above freezing is recommended. If product freezes, warm and agitate (recirculate) prior to using.
Other Precautions: Consult Federal, state and local laws and regulations pertaining to storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION			
Exposure Guidelines			
Component:	OSHA PEL	ACGIH TLV	NIOSH REL
Isobutyl alcohol (CAS # 78-83-1)	50 ppm; 150 mg/m ³ (TWA)	50 ppm (TWA)	
Respiratory Protection: For most conditions, no respiratory protection should be needed. If airborne concentrations exceed exposure limits, use a NIOSH approved air-purifying respirator with cartridges/canisters approved for organic vapors.			
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.			
Protective Gloves: While not expected to cause skin irritation, the use of chemically protective gloves is recommended to prevent against skin contact.			
Eye Protection: While not expected to cause eye irritation, the use of chemical safety goggles is recommended to prevent against eye contact. Contact lenses are not protective eye devices.			
Other Protective Clothing or Equipment: Wear long-sleeve shirt, long pants and shoes plus socks to prevent skin contact.			
Work/Hygienic Practices: Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
Physical State:	Liquid	Specific Gravity(H₂O=1):	0.872 - 0.910 g/cm ³ (g/ml)
Vapor Pressure (mm Hg):	Not determined	Density (lbs/gallon):	7.27 - 7.29 lbs/gallon
Vapor Density (Air=1):	Not determined	Melting Point/Freezing Point:	34°F (1.1°C)
Solubility in Water (wt %):	Emulsifiable	Boiling Point/Range:	Not determined
Viscosity (centistokes):	5-10 at 77°F (25°C)	pH:	Not determined
Appearance and odor:	Clear to hazy liquid with mild odor	Flash Point:	>212°F (100°C)

SECTION 10: STABILITY AND REACTIVITY	
Reactivity: None known	
Chemical Stability: Product is stable at ambient temperature and pressure, under normal storage and handling conditions.	
Possibility of Hazardous Reactions: Will not occur	
Conditions to Avoid: Extreme temperatures	
Incompatible Materials: Strong acids, strong bases, strong oxidizing agents	
Hazardous Decomposition Products: Asphyxiates such as carbon monoxide may result from combustion.	

SECTION 11: TOXICOLOGICAL INFORMATION	
ACUTE TOXICITY	
Eye Effects:	May cause mild but temporary eye irritation. Animal tests showed the product to be a non-irritant.
Skin Effects:	May cause mild but temporary skin irritation. Animal tests showed the product to be slightly irritating. LD50 >5,050 mg/kg; Not a skin sensitizer
Acute Inhalation Effects:	LC50 >5.0 mg/L
Acute Oral Effects:	LD50 >5,000 mg/kg
Specific Target Organ	None known
Toxicity:	
CHRONIC TOXICITY	
Chronic Effects:	None known
Carcinogenicity:	None known
Mutagenicity:	None known
Teratogenicity:	None known
Reproductive Toxicity:	None known

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ELITE DRIFT AND DEPOSITION

POTENTIAL HEALTH EFFECTS:

Eyes: May cause mild but reversible eye irritation.

Skin: May cause mild but reversible skin irritation.

Inhalation: May cause minor irritation of the upper respiratory tract.

Ingestion: May cause minor irritation of the digestive tract.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL SUMMARY: Not determined

ECOTOXICITY DATA:

Fish Acute and Prolonged Toxicity: Not determined

Aquatic Invertebrate Acute Toxicity: Not determined

Aquatic Plant Toxicity: Not determined

Bird Acute and Prolonged Toxicity: Not determined

Honeybee Toxicity: Not determined

ENVIRONMENTAL EFFECTS:

Soil Absorption/Mobility: Not determined

Persistence and degradability: Not determined

Bioaccumulative Potential: Not determined

Other adverse effects: Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

Waste: Dispose of in accordance with applicable Federal, state and local laws and regulations.

Container: Triple rinse and recycle the container or dispose of in accordance with Federal, state and local laws and regulations.

RCRA Characteristics: It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

SECTION 14: TRANSPORT INFORMATION

DOT: (Ground) This product is not regulated by the U.S. Department of Transportation as a hazardous material for ground shipment.

IMDG: (Sea) This product is not regulated by the IMDG code as a hazardous material for shipment by sea.

IATA: (Air) This product is not regulated by the IATA as a hazardous material for air shipment.

TDG: (Canada) This product is not regulated by the TDG as a hazardous material for ground shipment.

SECTION 15: REGULATORY INFORMATION

TSCA Inventory: All components are listed on the TSCA inventory.

SARA Title III Information:

Section 302 - Extremely hazardous substances: None listed

Section 311/312 - Hazard: None

Categories:

Section 313 – The following chemicals are subject to the reporting requirements of Section 313 of Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372:

None listed

CERCLA - This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):

No component reportable quantities could be met with any practical quantity of product.

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ELITE DRIFT AND DEPOSITION

U.S. State Worker and Community Right-To-Know (RTK) Information (CT, IL, MA, MN, NH, NJ, PA, RI):

Chemical Name	CAS #	State(s)
Isobutyl alcohol	78-83-1	MA, PA

Canadian Domestic Substances List: Not determined

WHMIS Classification: Not classified as a hazard substance under WHIMS.

SECTION 16: OTHER

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 here in maybe 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.

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