



NIS

Nonionic Surfactant

Features and Benefits

- Designed to improve spreading of spray solution to help enhance efficacy.
- Humectant keeps spray mixture wet on the targeted surface to help improve uptake
- Low-foaming formulation
- 10.02 # per gallon
- Storage between 32 and 104 degrees

Recommended Rates

1/2 to 4 pints per 100 gallons of spray solution
(0.0625 - 0.5% v/v).

1,2,3-propanetriol, Polyethylene glycol mono(branched p-nonylphenyl) ether, and Sodium xylene sulfonate 90.0%

CONSTITUENTS INEFFECTIVE AS A SPRAY ADJUVANT 10.0%

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



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



NIS

KEEP OUT OF REACH OF CHILDREN

WARNING

READ ENTIRE LABEL BEFORE USING

WARNING

Causes eye and skin irritation.

PRECAUTIONARY STATEMENTS

Wear eye protection, face protection, protective gloves and protective clothing.

Take off contaminated clothing and wash it before reuse.

FIRST AID

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 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 medical professional.

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.

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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GENERAL INFORMATION

NIS is a low-foaming 90/10 nonionic surfactant and humectant. NIS enhances pesticide performance by improving the wetting, spreading, and penetration of leaf surfaces. Care must be taken to avoid phytotoxicity when treating crops during periods when plants are subjected to drought stress, high temperature, and high humidity.

DIRECTIONS FOR USE

FOR USE WITH PESTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, RIGHTS-OF-WAY AND TURF. NOT FOR AQUATIC USE IN CALIFORNIA OR WASHINGTON STATE.

Prior to use read all directions on this label and on the label of the product used. Refer to the pesticide label for specific crop use and application rates.

Shake well before using.

If the applicator does not have experience using this product, a phytotoxicity and jar test must be performed to facilitate crop safety and tank mix compatibility.

Environmental Hazards: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

MIXING INSTRUCTIONS

Consult the pesticide or fertilizer label for which this product is to be mixed for recommended sequence of addition.

RECOMMENDED RATES

1/2 to 4 pints per 100 gallons of spray solution (0.0625 - 0.5% v/v).

PRINCIPAL FUNCTIONING AGENTS

1,2,3-propanetriol, Polyethylene glycol mono(branched p-nonylphenyl) ether, and Sodium xylene sulfonate	90.0%
CONSTITUENTS INEFFECTIVE AS A SPRAY ADJUVANT	10.0%
TOTAL	100.0%

All ingredients in this product are exempt from the requirements of a tolerance as specified under Title 40 Code of Federal Regulations part 180.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a secure, cool, and 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. Recommended storage temperature is between 32°F and 120°F.

Disposal: Do not reuse product containers. Dispose of unused product in accordance with Federal, state and local regulations. 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 manner allowed by local, state and federal laws and 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 NIS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ELITE NIS
DESCRIPTION: Agricultural Adjuvant
COMPANY:
Central Valley Ag
2803 N. Nebraska
P.O. Box 429
York, NE 68467-0429

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

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 firefighting. 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

ELITE NIS

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):

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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 II 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

Revision Date: June 9, 2022

Supersedes SDS Date: NA

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