

SAFETY DATA SHEET



Date Issued : 1/26/2016

SDS No : Traverse

Traverse

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Traverse**CHEMICAL FAMILY:** Adjuvant**DISTRIBUTOR**

Innvictis Crop Care, LLC
4850 Hahns Peak Drive, Suite 200
Loveland, CO 80538

24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Acute Toxicity (Oral), Category 4

Skin Irritation, Category 1B

Eye Irritation, Category 1

Physical:

Corrosive to Metals, Category 1

GHS LABEL

Corrosive

Exclamation
mark**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

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:

P234: Keep only in original container.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

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

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Traverse

Response:

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P321: Specific treatment see Section 4, First Aid Measures, on this SDS.

P310: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P390: Absorb spillage to prevent material damage.

Storage:

P405: Store locked up.

P406: Store in corrosive resistant container with a resistant inner liner.

Disposal:

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

CANCER STATEMENT: None listed in OSHA, NTP, IARC, or ACGIH

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Monocarbamide dihydrogen sulfate, nonionic surfactants, humectants, chelating agents, antifoaming agent	80	Mixture
Constituents Ineffective as Spray Adjuvants	20	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.

SKIN: Remove contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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.

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

ADDITIONAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor, or going in for treatment. For emergency medical assistance call **CHEMTREC 1-800-424-9300**.

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: Can form explosive mixtures at temperatures at or above the flashpoint. Can burn in fire, releasing irritating and toxic gases due to thermal decomposition or combustion.

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

Traverse

due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

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

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Immediately 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. Wash the contaminated area with detergent and soap solution. 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. Scrub the contaminated area with a detergent or soap solution. 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 a cool, dry place away from children and animals. Store in original container. Keep away from heat, sparks and open flame. Keep tightly closed. Do not store product near strong oxidizing agents. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Store above 35° F and below 120° F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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 should not be worn when working with chemicals.

SKIN: Wear chemical resistant gloves such as Viton or barrier laminate, Coveralls over long-sleeved shirt, long pants and chemical resistant footwear plus socks. Chemical resistant headgear for overhead exposure. When exposed to product concentrate, wear a chemical resistant apron. 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. Avoid exposure to airborne contaminants. Wear a NIOSH/MSHA approved dust mask or filter when vapors or dust are generated above the permissible limit.

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.

OTHER USE PRECAUTIONS: Avoid contact with skin, eyes, and clothing. Avoid breathing vapors. Wash thoroughly after handling product. Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk from the work area per ANSI Z358.1-1990

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Mild Aromatic

APPEARANCE: Clear viscous liquid

pH: < 2

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: > (200 °F)

AUTOIGNITION TEMPERATURE: Not Available

Traverse

VAPOR PRESSURE: Not Available**VAPOR DENSITY:** Not Available**BOILING POINT:** Not Available**FREEZING POINT:** Not Available**MELTING POINT:** Not Available**POUR POINT:** Not Available**THERMAL DECOMPOSITION:** Not Available**SOLUBILITY IN WATER:** Emulsifies**EVAPORATION RATE:** Not Available**DENSITY:** Not Available**SPECIFIC GRAVITY:** 1.09 to 1.13 g/mL**VISCOSITY:** Not Available**MOLECULAR WEIGHT:** Not Available**10. STABILITY AND REACTIVITY****STABLE:** Yes**HAZARDOUS POLYMERIZATION:** No**POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None known.**INCOMPATIBLE MATERIALS:** Strong oxidizers, bases, chlorates, and nitrates.**11. TOXICOLOGICAL INFORMATION****ACUTE****DERMAL LD₅₀:** > 5000 mg/kg**ORAL LD₅₀:** > 3000 mg/kg**INHALATION LC₅₀:** > 2.00 mg/L**EYE EFFECTS:** Causes irreversible eye damage (Category 1)**SKIN EFFECTS:** Causes severe skin irritation**CARCINOGENICITY****Notes:** Not listed in OSHA, NTP, IARC or ACGIH**CORROSIVITY:** This product may be corrosive to metals**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)****PROPER SHIPPING NAME:** Corrosive liquid, N.O.S., (monocarbamide dihydrogen sulphate)**PRIMARY HAZARD CLASS/DIVISION:** 8**UN/NA NUMBER:** UN1760

Traverse

PACKING GROUP: III

OTHER SHIPPING INFORMATION: This product is only regulated by DOT under the circumstances that this product is being shipped domestically and in aluminum, copper, zinc, or mild steel containers; or if shipped by air or water.

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Not Listed

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

313 REPORTABLE INGREDIENTS: Not Listed

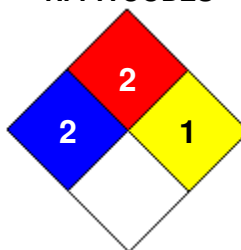
CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Listed

CALIFORNIA PROPOSITION 65: Not Listed

16. OTHER INFORMATION

REASON FOR ISSUE: New revision

NFPA CODES**GENERAL STATEMENTS: DISCLAIMER AND LIMITATION OF LIABILITY**

This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and ALTITUDE CROP INNOVATIONS, LLC, disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.