

SAFETY DATA SHEET



Date Issued : 5/15/2015
SDS No : VELOUR
Date Revised : 1/11/2018
Revision No : 1

VELOUR

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VELOUR
CHEMICAL FAMILY: Plant Growth Regulator

DISTRIBUTOR

Innvictis Crop Care, LLC
 1880 Fall River Drive
 Suite 100
 Loveland, CO 80538

24 HR. EMERGENCY TELEPHONE NUMBERS

24-Hour Emergency Assistance Call: 1-800-222-1222
 Chemical Emergency Call CHEMTREC: 1-800-424-9300

EPA REG. NO.: 89167-8-89391

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 4
 Acute Toxicity (Dermal), Category 4
 Acute Toxicity (Inhalation), Category 4
 Skin Irritation, Category 1
 Eye Irritation, Category 1

Physical:

Corrosive to Metals, Category 1

GHS LABEL



Exclamation
mark



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H302: Harmful if swallowed.
 H312: Harmful in contact with skin.
 H314: Causes severe skin burns and eye damage.
 H318: Causes serious eye damage.
 H332: Harmful if inhaled.
 H290: May be corrosive to metals.

PRECAUTIONARY STATEMENTS

General:

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

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P103: Read label before use.

Prevention:

P234: Keep only in original container.

P260: Do not breathe fumes, gas, mist, vapours or spray.

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

P271: Use only outdoors or in a well-ventilated area.

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

Response:

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

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.

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

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

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

P363: Wash contaminated clothing before reuse.

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: Not Listed

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.

HEALTH HAZARDS: This product causes serious eye and skin damage.

PHYSICAL HAZARDS: May be corrosive to some metals. Store only in original container.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ethephon	55.4	16672-87-0
Other Ingredients	44.6	Mixture

4. FIRST AID MEASURES

EYES: Immediately call a poison control center or doctor. 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.

SKIN: Immediately wash skin with plenty of water while removing contaminated clothing. Always wash clothing according to manufacturer's instructions prior to reuse.

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: Probable mucosal damage may contraindicate the use of gastric lavage. 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 **NPCC 1-800-222-1222** or 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: No specific explosion hazards are identified or expected. Always fight fire with the implication that other volatile substances may be present.

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.

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: Immediately 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. Avoid contact with eyes and contact with skin. 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: This product should be stored under lock and key in its original container only. Store this product at temperatures above 35°F and below 100°F. Do not store near food or feed. Do not contaminate water sources with equipment wash water, spray disposal wastes or by cleaning of equipment. If product is spilled, follow all precautions and clean up spilled material immediately. Wear all protective clothing during handling or cleaning of this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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: Proper ventilation is required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Wear a NIOSH/MSHA approved dust mask or filter when vapors are expected to be generated

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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

APPEARANCE: Clear to slightly hazy liquid.

COLOR: Yellow

pH: < 2

PERCENT VOLATILE: Not Established

FLASH POINT AND METHOD: > (200 °F)

FLAMMABLE LIMITS: Not Established

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Established

BOILING POINT: Not Established

FREEZING POINT: < (32 °F)

MELTING POINT: Not Established

POUR POINT: Not Established

THERMAL DECOMPOSITION: Not Established

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Established

DENSITY: 10.67-11.00 lbs/gal.

SPECIFIC GRAVITY: 1.28 to 1.32 g/mL

VISCOSITY: Not Established

MOLECULAR WEIGHT: Not Established

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

INCOMPATIBLE MATERIALS: Strong oxidizers and bases, mild and galvanized steel.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: >200 but <2,000 mg/kg

ORAL LD₅₀: >500 but <5,000 mg/kg (Rat)

INHALATION LC₅₀: > 2.10 mg/L

EYE EFFECTS: Causes serious eye damage.

SKIN EFFECTS: Causes severe burns and skin damage.

CARCINOGENICITY

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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: UN 3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III (Ethephon), ERG Guide 153

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3265

PACKING GROUP: III

NAERG: 153

PLACARDS: Corrosive (8)

LABEL: Corrosive (8)

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute

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

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):

Labeling Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER / PELIGRO

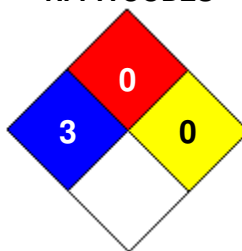
CORROSIVE. Causes skin burns and irreversible eye damage. Harmful if swallowed and/or absorbed through skin. Do not get in eyes, on skin, or clothing. Wear protective eyewear such as goggles, face shield, or safety glasses. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

16. OTHER INFORMATION

REASON FOR ISSUE: New Revision

REVISION SUMMARY: This SDS replaces the 5/15/2015 SDS. Revised: **Section 1: REASON FOR ISSUE.**

VELOUR

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

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