

# SAFETY DATA SHEET



**Date Issued :** 6/25/2015  
**SDS No :** Veritas D  
**Date Revised :** 1/11/2018  
**Revision No :** 1

## Veritas D

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Veritas D  
**CHEMICAL FAMILY:** Herbicide

#### DISTRIBUTOR

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

**EPA REG. NO.:** 89168-2-89391

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Acute Toxicity (Oral), Category 4  
 Skin Irritation, Category 3  
 Eye Irritation, Category 1  
 Target Organ Toxicity (Repeated exposure), Category 2

##### Environmental:

Acute Hazards to the Aquatic Environment, Category 2

#### GHS LABEL



Exclamation  
mark



Health  
hazard



Corrosive

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H302: Harmful if swallowed.  
 H316: Causes mild skin irritation.  
 H318: Causes serious eye damage.  
 H373: May cause damage to liver, kidneys, blood chemistry or gross motor function through prolonged or repeated exposure.  
 H401: Toxic to aquatic life.

#### 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:

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- P260: Do not breathe mist, vapors or spray.  
 P264: Wash hands, face and other affected areas thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

- P314: Get medical advice/attention if you feel unwell.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P330: Rinse mouth.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P305+P310: IF IN EYES: Immediately call a POISON CENTER or doctor/physician.

**Disposal:**

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

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

**TARGET ORGAN STATEMENT:** Prolonged repeated exposure to phenoxy herbicides may cause effects to liver, kidneys, blood chemistry, and gross motor function.

**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
2,4-D, Dimethylamine Salt	36	2008-39-1
3,6-dichloro-o-anisic Acid, Compound With Dimethylamine (1:1)	12.5	2300-66-5
Other Ingredients	51.5	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:** 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.

**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 **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:** 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. 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:** Do not store below temperature of 32°F or above 100 °F. Store in original container in a well-ventilated area separately from fertilizer, feed, and foodstuffs . Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2,4-D, Dimethylamine Salt	TWA	10		10	

**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 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 amine

**APPEARANCE:** Liquid

**COLOR:** Amber

**pH:** 8.5

**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:** 9.69 lbs/gal.

**SPECIFIC GRAVITY:** 1.165 g/mL

**VISCOSITY #1:** 9.507 cps

**MOLECULAR WEIGHT:** Not Established

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Extreme heat and freezing temperatures.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, acids, and bases.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** > 5000 mg/kg

**ORAL LD<sub>50</sub>:** 1256 mg/kg

**INHALATION LC<sub>50</sub>:** Not Available

**EYE EFFECTS:** Causes serious eye damage.

**SKIN EFFECTS:** Causes mild skin irritation.

### CARCINOGENICITY

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

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**SENSITIZATION:** Not a contact sensitizer**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.**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff may be hazardous to aquatic organisms in water adjacent to treated areas, and non-target plants. Do not contaminate water when disposing of equipment wash waters or rinsate.**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: <= 30 Gallons Per Complete Package:** Not Regulated by DOT**>30 and <925 Gallons Per Complete Package:** RQ UN 3082, Environmentally hazardous substance, liquid, n.o.s., (2,4-D Salt), Class 9, PG III**>925 Gallons Per Complete Package:** RQ UN 3082, Environmentally hazardous substance, liquid, n.o.s., (2,4-D Salt, Dicamba), Class 9, PG III**PRIMARY HAZARD CLASS/DIVISION:** 9**UN/NA NUMBER:** 3082**PACKING GROUP:** III**NAERG:** 171**PLACARDS:** Class 9**LABEL:** Class 9**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Immediate, Delayed**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
2,4-D, Dimethylamine Salt	36	2008-39-1
3,6-dichloro-o-anisic Acid, Compound With Dimethylamine (1:1)	12.5	2300-66-5

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

Chemical Name	Wt.%	CERCLA RQ
2,4-D, Dimethylamine Salt	36	100 lbs.
3,6-dichloro-o-anisic Acid, Compound With Dimethylamine (1:1)	12.5	1000 lbs.

**CALIFORNIA PROPOSITION 65:** Not Listed**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):**

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**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:

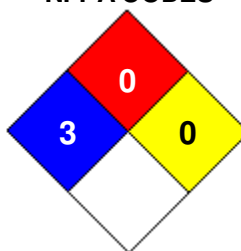
**PRECAUTIONARY STATEMENTS****Hazards to Humans and Domestic Animals**

**DANGER** - Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles. Harmful if swallowed or absorbed through the skin. Avoid contact with skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

**16. OTHER INFORMATION**

**REASON FOR ISSUE:** New Revision

**REVISION SUMMARY:** This SDS replaces the 7/10/2015 SDS. Revised: **Section 1: REASON FOR ISSUE.**

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

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