



# Safety Data Sheet

Report Date 20-Jul-22

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## 1. Identification

**Product Name** : ON DECK ICON  
**Synonyms** : None  
**Product Use** : 2,4-D Acid and Dicamba Acid Herbicide  
**Manufacturer/Supplier** : Helena Agri-Enterprises, LLC  
**Address** : 225 Schilling Blvd. Collierville, TN 38017  
**General Information** : 901-761-0050  
**Transportation Emergency Number** : CHEMTREC:800-424-9300

## 2. Hazard Identification



**Signal Word** : Danger  
**Skin Irritation** : Slight - Draize score is 1.6. Causes mild skin irritation.  
**Eye Irritation** : Severely irritating - Draize score is 49.0. Causes serious eye irritation.  
**Acute Toxicity Oral** : LD50 1,469 mg/kg. Harmful if swallowed.  
**Acute Toxicity Dermal** : LD50 >5,000 mg/kg. May be harmful in contact with skin.

**Hazard Categories** : Oral/Dermal/Inhalation Toxicity-4/5/4; Eye/Skin Irritation-1/3

**Hazard Statement** : Harmful if swallowed  
May be harmful in contact with skin  
Harmful if inhaled  
Causes serious eye damage  
Causes mild skin irritation

## 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Dicamba acid: 3,6-dichloro-o-methoxybenzoic acid*	1918-00-9	10.80
2,4-D acid: Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	2008-39-1	29.10
Other ingredients	Proprietary	60.10
Equivalent to:		
*Dicamba acid, 1.0 lbs/gal		
**2,4-D Acid equivalent, 2.3 lbs/gal		

## 4. First Aid Measures

**Eye** : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

**Skin** : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation** : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion** : Call a poison control center or doctor immediately for treatment advice. Have 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 if unconscious.

**Indication of Immediate Medical Attention and Special Treatment Needed** : Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically.



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### 5. Fire Fighting Measures

- Extinguishing Media** : Use foam, water spray, dry chemical or carbon dioxide extinguishing agents.
- Specific Hazards Arising from the Chemical** : If water is used to fight fire, contain runoff to prevent contamination of water sources.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Dike area to prevent runoff of firefighting water.

### 6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area. Corrosive, causes irreversible eye damage. Harmful if inhaled.
- Protective Equipment** : Splashproof goggles or face shield, chemical-resistant gloves, long-sleeved shirt and long pants, shoes and socks. Emergency shower and eyewash should be available in work area. Use NIOSH-approved respirator for organic vapors when needed.
- Emergency Procedures** : Prevent material from entering any waterways or drains.
- Methods and Materials for Containment and Cleanup** : Collect free liquids and place in container for disposal. Impacted soils may require removal. Any recovered material must be placed in an appropriate container for disposal.

### 7. Handling and Storage

- Precautions for Safe Handling** : Keep out of reach of children. Do not contaminate water, food, feed or feed by storage, handling or disposal. Keep container tightly closed when not in use.
- Conditions for Safe Storage** : Do not store below temperatures of 32 Degrees F. or above 100 Degrees F. Store in original container in a well-ventilated area, separately from fertilizer, food, feed and foodstuffs. Reduce stacking height where local conditions can affect package strength. Do not store under conditions that might adversely affect the container or its ability to function properly.

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : 2,4-D acid - 10 mg/m<sup>3</sup> (TLV).
- Appropriate Engineering Controls** : Use local exhaust ventilation.
- Personal Protective Equipment** : Splashproof goggles or face shield, chemical-resistant gloves, long-sleeved shirt and long pants, shoes and socks. Emergency shower and eyewash should be available in work area. Use NIOSH-approved respirator for organic vapors when needed.

### 9. Physical and Chemical Properties

- Odor/Appearance** : Clear pale yellow liquid; surfactant odor.
- Flash Point, °F** : No information for mixture
- Boiling Point, °F** : No information for mixture
- Melting Point(Freezing point), °C** : No information for mixture
- Vapor Pressure, mm Hg @ 20 °C** : No information for mixture
- Vapor Density** : No information for mixture
- Solubility in Water** : Miscible
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.165



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Evaporation Rate(Butyl Acetate = 1) : No information for mixture  
Octanol/Water Partition Coefficient : No information for mixture  
pH : 5.65 (pure)  
Flammable Limits (approximate volume % in air) : No information for mixture  
Auto-ignition Temperature : Not applicable  
Decomposition temperature : No information for mixture

### 10. Stability and Reactivity

Reactivity : No information found  
Chemical Stability : Stable  
Hazardous Decomposition Products : May produce hydrogen chloride, nitrogen oxides and carbon oxides under fire conditions.  
Hazardous Polymerization : Will not occur  
Conditions to Avoid : Avoid excessive heat. Do not store near heat or flame.  
Incompatible Materials : Avoid strong oxidizing agents, bases and acids.

### 11. Toxicological Information

Acute Toxicity (Oral LD50) : 1,469 mg/kg (rat). Harmful if swallowed.  
Acute Toxicity (Dermal LD50) : >5,000 mg/kg (rat). May be harmful in contact with skin.  
Acute Toxicity Inhalation LC50 : >2.04 mg/L (male rat); 0.55 to 2.04 mg/L (female rat) - Aerosol form. Harmful if inhaled.  
Likely Routes of Exposure : Ingestion, inhalation, eyes, skin  
Skin Irritation : Slight skin irritation - Draize score is 1.6. Causes mild skin irritation.  
Eye Irritation : Severely irritating - Draize score is 49.0. Causes serious eye irritation.  
Skin Sensitization : Not listed as a skin sensitizer.  
Carcinogenic : IARC lists chlorophenoxy herbicides in Group 2B (limited evidence for carcinogenicity in humans).  
Chronic Effects : Inhalation may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disorders. CA PROPOSITION 65 WARNINGS: No listed ingredients appear on the CA PROPOSITION 65 WARNINGS listing.  
Other Hazards : The USEPA has given the chlorophenoxy herbicide, 2,4-D, a Class D classification (not classifiable as to human carcinogenicity). More current 2,4-D lifetime feeding studies in rats/mice show no carcinogenic effects.

### 12. Ecological Information

Ecotoxicity : Toxic to fish and aquatic invertebrates.  
Persistence and Degradability : No information found  
Bioaccumulative Potential : No information found  
Mobility in Soil : No information found  
Other Adverse Effects : Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

### 13. Disposal Considerations



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**Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act. (D016=2,4-D TCLP)

## 14. Transport Information

**UN Proper Shipping Name** : Not regulated by DOT in containers less than 35 gallons; see Special Precautions below.  
**Transport Hazard Class** : None  
**UN Identification Number** : None  
**Packaging Group** : None  
**Environmental Hazards** : Reportable Quantity: 2,4-D=100 lbs/>35.3 gallons; Dicamba=1,000 lbs/>874 gallons.  
**Transport in Bulk** : If shipped in single container >874 gallons, ship as: RQ, UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., (2,4-D Acid, Dicamba), 9, PG III "ERG # 171"  
**Special Precautions for Transportation** : If shipped in single container >35.3 gallons, ship as: RQ, UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., (2,4-D Acid), 9, PG III "ERG # 171"  
**Freight Classification** : Pesticides, NOI, Herbicides, Other than Poison (NMFC Item 155050, Sub 11, Class 70)

## 15. Regulatory Information

**National Fire Protection Association Rating** :  
Health: 2 Fire: 1 Reactivity: 0  
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

**S.A.R.A Title III Hazard Classification (Yes/No)** :  
Immediate( Acute) Health: Y  
Delayed (Chronic) Health: Y  
Sudden Release of Pressure: N  
Fire: N  
Reactive: N

**FIFRA Information** : This Chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling 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:

**EPA Registration Number** : 5905-643  
**FIFRA Signal Word** : Warning  
**FIFRA Label Statement** : Keep out of reach of children.  
**FIFRA Label Statement** : Causes substantial but temporary eye injury.  
**FIFRA Label Statement** : Harmful if swallowed or inhaled.  
**FIFRA Label Statement** : Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling  
**FIFRA Label Statement** : and before eating, drinking, chewing gum, using tobacco or using the toilet.  
**FIFRA Label Statement** : Remove and wash contaminated clothing before reuse.  
**FIFRA Label Statement** : Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

## 16. Other Information

**Data of Preparation/Revision** : 20-July-2022