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# SAFETY DATA SHEET

Issue Date: 9 November 2015

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Product Name: **WEED-O-SELECT**

Product Description: **SELECTIVE HERBICIDE**

### Other Means of Identification

Product # 275  
Synonyms None

### Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.  
5731 Manchester Avenue  
St. Louis, MO 63110  
www.chemcoindustries.com  
314-647-1888  
1-800-854-4236 (to Reorder)

### Emergency Telephone Number

Emergency Telephone INFOTRAC 1-188-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification (GHS-US)

Acute Tox. 4 (Oral) H302  
Eye Dam. 1 H318  
Skin Sens. 1 H317  
STOT RE 2 H373  
\*Full text of H-phrases: see section 16

### GHS-US Labeling

#### Hazard pictograms (GHS-US):



Signal Word (GHS-US): **Danger**

#### Hazard Statements (GHS-US):

Harmful if swallowed  
May cause an allergic skin reaction  
Causes serious eye damage  
May cause damage to organs (liver, kidneys) through prolonged or repeated exposure

#### Precautionary statements (GHS-US):

Do not breathe mist, spray  
Avoid breathing mist, spray  
Wash thoroughly after handling  
Do not eat, drink or smoke when using this product  
Contaminated work clothing must not be allowed out of the workplace  
Wear eye protection, protective clothing, protective gloves  
If swallowed: Call a doctor, a POISON CENTER if you feel unwell  
If on skin: Wash with plenty of soap and water  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a doctor, a POISON CENTER  
 Get medical advice/attention if you feel unwell  
 Rinse mouth  
 If skin irritation or rash occurs: Get medical advice/attention  
 Take off contaminated clothing and wash it before reuse  
 Dispose of contents/container to comply with local/regional/national/international regulations.

**Other hazards:** No additional information available

**Unknown acute toxicity (GHS-US):** Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance:** Not applicable

\*Full text of H-phrases: see section 16

**Mixture:**

| Name   | Product identifier | %     | Classification (GHS-US)  |
|--|--------------------|-------|--|
| Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid | (CAS No) 2008-39-1 | 10-30 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT RE 2, H373 |

### 4. FIRST AID MEASURES

**Description of first aid measures:**

**First-aid measures general:**

If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:**

Get medical advice/attention if you feel unwell. Remove the victim into fresh air.

**First-aid measures after skin contact:**

Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

**First-aid measures after eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

**First-aid measures after ingestion:**

Rinse mouth with water. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

**Most important symptoms and effects, both acute and delayed:**

**Symptoms/injuries:**

Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/injuries after inhalation:**

None under normal use.

**Symptoms/injuries after skin contact:**

May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking. Repeated exposure to this material can result in absorption through skin causing significant health hazard.

**Symptoms/injuries after eye contact:**

Causes serious eye damage.

**Symptoms/injuries after ingestion:**

Harmful if swallowed. Gastrointestinal complaints.

**Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:**

**Suitable extinguishing media:**

All extinguishing media allowed.

**Special hazards arising from the substance or mixture:**

**Reactivity:**

Under fire conditions may produce gases such as hydrogen chloride and oxides of carbon and nitrogen.

**Advice for firefighters:**

**Firefighting instructions:**

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

**Protection during firefighting:**

Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

**General measures:** Isolate from fire, if possible, without unnecessary risk.

#### **For non-emergency personnel:**

Protective equipment:

Protective goggles. Gloves. Protective clothing.

Emergency procedures:

Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

#### **For emergency responders:**

Protective equipment:

Equip cleanup crew with proper protection.

Emergency procedures:

Stop leak if safe to do so. Stop release. Ventilate area.

### Environmental precautions:

Avoid release to the environment. Prevent entry to sewers and public waters.

### Methods and material for containment and clean up:

**For containment:**

Contain released substance, pump into suitable containers.

**Methods for cleaning up:**

This material and its container must be disposed of in a safe way, and as per local legislation.

### Reference to other sections:

No additional information available.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

**Precautions for safe handling:**

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Obtain special instructions before use.

**Hygiene measures:**

Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities:

**Technical measures:**

Comply with applicable regulations.

**Storage conditions:**

Keep container closed when not in use.

**Incompatible products:**

strong acids. Oxidizing agent.

**Incompatible materials:**

Sources of ignition.

**Storage area:**

Meet the legal requirements. Store in a cool area. Store in a well-ventilated place. Keep locked up.

**Special rules on packaging:**

Store in a closed container. Keep only in original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters:

No additional information available

### Exposure controls:

**Personal protective equipment:**

Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective clothing. Protective goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties:

|   |                           |
|---|---------------------------|
| Physical state                              | Liquid                    |
| Appearance                                  | clear, dark brown liquid. |
| Odor  | characteristic            |
| Odor threshold                              | No data available         |
| pH  | 7 - 8.5                   |
| Melting point                               | No data available         |
| Freezing point                              | No data available         |
| Boiling point                               | No data available         |
| Flash point                                 | > 200 °F Closed Cup       |
| Relative evaporation rate (butyl acetate=1) | No data available         |
| Flammability (solid, gas)                   | No data available         |
| Explosion limits                            | No data available         |

|                                |                   |
|--------------------------------|-------------------|
| Explosive properties           | No data available |
| Oxidizing properties           | No data available |
| Vapor pressure                 | No data available |
| Relative density               | No data available |
| Relative vapor density at 20 C | No data available |
| Specific gravity/density       | 1.08 g/ml         |
| Solubility                     | Soluble in water. |
| Log Pow                        | No data available |
| Log Kow                        | No data available |
| Auto-ignition temperature      | No data available |
| Decomposition temperature      | No data available |
| Viscosity                      | No data available |
| Viscosity, kinematic           | No data available |
| Viscosity, dynamic             | No data available |
| VOC content                    | < 10 %            |

## 10. STABILITY AND REACTIVITY

### **Reactivity:**

Under fire conditions may produce gases such as hydrogen chloride and oxides of carbon and nitrogen.

### **Chemical stability:**

No additional information available

### **Possibility of hazardous reactions:**

Refer to reactivity.

### **Conditions to avoid:**

No additional information available

### **Incompatible materials:**

No additional information available

### **Hazardous decomposition products:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

### **Information on toxicological effects:**

#### **Acute toxicity:**

Oral: Harmful if swallowed.

#### **Skin corrosion/irritation:**

Not classified.

#### **Serious eye damage/irritation:**

pH: 7-8.5

Causes serious eye damage.

pH: 7-8.5

#### **Respiratory or skin sensitization:**

May cause an allergic skin reaction.

#### **Germ cell mutagenicity:**

Not classified.

#### **Carcinogenicity:**

Not classified.

#### **Reproductive toxicity:**

Not classified.

#### **Specific target organ toxicity (single exposure):** Not classified.

#### **Specific target organ toxicity (repeated exposure):** May cause damage to organs through prolonged or repeated exposure.

#### **Aspiration hazard:**

Not classified.

#### **Symptoms/injuries after inhalation:**

None under normal use.

#### **Symptoms/injuries after skin contact:**

May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking. Repeated exposure to this material can result in absorption through skin causing significant health hazard.

#### **Symptoms/injuries after eye contact:**

Causes serious eye damage.

#### **Symptoms/injuries after ingestion:**

Harmful if swallowed. Gastrointestinal complaints.

## 12. ECOLOGICAL INFORMATION

### **Toxicity:**

No additional information available

### **Persistence and degradability:**

No additional information available

**Bioaccumulative potential:**

No additional information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods:**

**Waste disposal recommendations:** Dispose in a safe manner in accordance with local/national regulations.

### 14. TRANSPORT INFORMATION

**Department of Transportation (DOT)**

**In accordance with DOT:** Not regulated for transport

**Additional information:**

**Other information:** No supplementary information available.

**ADR:**

No additional information available.

**Transport by sea:**

No additional information available.

**Air Transport:**

No additional information available.

### 15. REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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 III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**California Proposition 65** - This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

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:

DANGER: Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing.

### 16. OTHER INFORMATION

**Training advice:** Normal use of this product shall imply use in accordance with the instructions on the packaging.

**Full text of H-phrases:**

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4                                  |
| Eye Dam. 1          | Serious eye damage/eye irritation Category 1                      |
| Skin Sens. 1        | Skin sensitization Category 1                                     |
| STOT RE 2           | Specific target organ toxicity (repeated exposure) Category 2     |
| H302                | Harmful if swallowed  |
| H317                | May cause an allergic skin reaction                               |
| H318                | Causes serious eye damage   |
| H373                | May cause damage to organs through prolonged or repeated exposure |

**NFPA health hazard:** 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

**NFPA fire hazard:** 1 - Must be preheated before ignition can occur.

**NFPA reactivity:** 0 - Normally stable, even under fire exposure conditions, and are not reactive with water

**Disclaimer**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendee or users assume all risks associated with the use of this material.