



## **VOLUNTARY PURCHASING GROUPS, INC.**

### **Safety Data Sheet**

### **Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension**

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#### **SECTION 1: Identification**

##### **Product identifier**

Product name Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension

Product number 33031

##### **Other means of identification**

EPA Reg. No. 62719-483-7401

##### **Recommended use of the chemical and restrictions on use**

Herbicide

##### **Supplier's details**

Name Voluntary Purchasing Groups, Inc.  
Address 230 FM 87  
Bonham, TX 75418  
USA

Telephone 855-270-4776

##### **Emergency phone number(s)**

In the event of a medical or chemical emergency contact ChemTel, Inc.  
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

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#### **SECTION 2: Hazard identification**

##### **Classification of the substance or mixture**

##### **GHS classification in accordance with OSHA (29 CFR 1910.1200)**

- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3

##### **GHS label elements, including precautionary statements**

##### **Pictogram**

# Safety Data Sheet

## Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension



### Hazard statement(s)

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H412 Harmful to aquatic life with long lasting effects

### Precautionary statement(s)

P264 Wash ... thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water/...  
P321 Specific treatment (see Section 4 on this SDS).  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container in accordance with local, regional, national, and international regulations.

### Other hazards which do not result in classification

No data available.

## SECTION 3: Composition/information on ingredients

### Substances

#### Hazardous components

Component	Concentration
Dithiopyr (CAS no.: 97886-45-8)	Not specified

## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice If medical advice is needed, have product container or label at hand. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

If inhaled If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

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In case of skin contact	Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.
If swallowed	Rinse mouth. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Call a POISON CENTER/doctor/physician if you feel unwell.

#### Most important symptoms/effects, acute and delayed

Symptoms/Injuries: Causes serious eye irritation. Causes skin irritation.

Symptoms/Injuries After Inhalation: Repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Symptoms/Injuries After Skin Contact: Causes skin irritation. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation. Symptoms may include: redness, pain, swelling, itching, burning, tearing, and blurred vision.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Pre-existing lung diseases such as emphysema or asthma may be aggravated by exposure to dusts. Pulmonary function may be reduced by inhalation of respirable crystalline silica. Also lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lung which may aggravate other pulmonary conditions and diseases and which increases susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects of exposure. May cause damage to organs through prolonged or repeated exposure.

#### Indication of immediate medical attention and special treatment needed, if necessary

If medical advice is needed, have product container or label at hand.

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## SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use water jet. Use of heavy stream of water may spread fire.

#### Specific hazards arising from the chemical

Fire Hazard: Not considered flammable but will burn at high temperatures.

Explosion Hazard: Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

#### Special protective actions for fire-fighters

Precautionary Measures Fire: Do not breathe fumes from fires or vapors from decomposition. Under fire conditions, the product will give off toxic vapors of ammonia and formaldehyde.

Firefighting Instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion and decomposition products.

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Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

General Measures: Handle in accordance with good industrial hygiene and safety practice. Do not allow product to spread into the environment. Do not breathe dust. Do not get in eyes, on skin, or on clothing.

For Non-emergency Personnel

Protective Equipment: Wear suitable protective clothing, gloves and eye/face protection. Use appropriate personal protection equipment (PPE).

Emergency Procedures: Ventilate area. Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Wear suitable protective clothing, gloves and eye/face protection. Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).

Emergency Procedures: If possible, stop flow of product. Evacuate unnecessary personnel. Ventilate area.

### Environmental precautions

Prevent entry to sewers and public waters. Contact competent authorities after a spill.

### Methods and materials for containment and cleaning up

For Containment: Contain and collect as any solid.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Utilize a dust suppressant when removing mechanically.

### Reference to other sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

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## SECTION 7: Handling and storage

### Precautions for safe handling

Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Precautions for Safe Handling: Wear recommended personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Use only outdoors or in a well-ventilated area.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

Technical Measures: Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

Storage Conditions: Store tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Keep container closed when not in use.

Incompatible Products: Alkalis. Heat sources. Reducing agents. Oxidizers.

Prohibitions On Mixed Storage: Store away from: Ammonium nitrate. Refer to Section 10 on Incompatible Materials.

### Specific end use(s)

Herbicide.

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## SECTION 8: Exposure controls/personal protection

### Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Local exhaust and general ventilation must be adequate to meet exposure standards. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Ensure all national/local regulations are observed.

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Chemical safety goggles

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form	Multi-colored Solid Granules
Odor	None
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	Melting Point: 65 °C (149°F)
Initial boiling point and boiling range	No data available.
Flash point	Not Applicable
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	Water: Partially
Partition coefficient: n-octanol/water	No data available.

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Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

#### Other safety information

When using, do not eat, drink or smoke.

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## SECTION 10: Stability and reactivity

#### Reactivity

Hazardous reactions will not occur under normal conditions.

#### Chemical stability

Stable under recommended handling and storage conditions (see section 7)

#### Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### Conditions to avoid

Protect from moisture. Keep away from heat. Sparks, heat, open flame and other sources of ignition.

#### Incompatible materials

Alkalis. Heat sources. Reducing agents. Oxidizers.

#### Hazardous decomposition products

Thermal decomposition generates: Nitrogen oxides. Ammonia. Carbon oxides (CO, CO<sub>2</sub>).

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## SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Not classified

Dithiopyr (97886-45-8)

LD<sub>50</sub> Oral Rat > 5 g/kg

LC<sub>50</sub> Inhalation Rat > 6 g/m<sup>3</sup> (Exposure time: 4 h)

##### Skin corrosion/irritation

Causes skin irritation.

##### Serious eye damage/irritation

Causes serious eye irritation.

##### Respiratory or skin sensitization

Not classified

##### Germ cell mutagenicity

Not classified

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**Carcinogenicity**

Not classified

**Reproductive toxicity**

Not classified

**Summary of evaluation of the CMR properties**

Not classified

**STOT-single exposure**

Not classified

**STOT-repeated exposure**

Not classified

**Aspiration hazard**

Not classified

**Additional information**

Symptoms/Injuries After Inhalation: Repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Symptoms/Injuries After Skin Contact: Causes skin irritation. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation. Symptoms may include: redness, pain, swelling, itching, burning, tearing, and blurred vision.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Pre-existing lung diseases such as emphysema or asthma may be aggravated by exposure to dusts. Pulmonary function may be reduced by inhalation of respirable crystalline silica. Also lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lung which may aggravate other pulmonary conditions and diseases and which increases susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects of exposure. May cause damage to organs through prolonged or repeated exposure.

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## SECTION 12: Ecological information

**Toxicity**

EC50 Daphnia 1 53.2 mg/l

**Persistence and degradability**

Fertilizer with Dimension

May cause long-term adverse effects in the environment. This product is water soluble and eventually biodegrades into elemental nitrogen. Excess nitrogen and nitrates in a body of water will contribute to eutrophication with visible effects such as toxic algae bloom.

**Bioaccumulative potential**

Dithiopyr (97886-45-8)

Log Pow 4.75

**Mobility in soil**

No data available.

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#### Other adverse effects

Avoid release to the environment.

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## SECTION 13: Disposal considerations

#### Disposal of the product

This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

#### Waste treatment

Pesticide: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or local procedures. Or call (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain. Container: Do not reuse bag. Dispose of emptied bag(s) in a sanitary landfill approved for pesticide disposal, or by incineration.

#### Other disposal recommendations

Dispose of waste material in accordance with all local, regional, national, and international regulations.

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## SECTION 14: Transport information

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

#### Safety, health and environmental regulations specific for the product in question

#### EPA TSCA Regulatory Flag

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.



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**SECTION 16: Other information**

No data available.

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# SAFETY DATA SHEET

SDS ID: 74530-52-72159

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	<b>Gly-Pho-Sel Pro Dry 75 SG</b>
Product use / type:	Herbicide
EPA Registration No.:	74530-52-72159
Chemical name / active ingredient(s):	Glyphosate, ammonium salt
Manufacturer / Registrant:	Agrisel USA, Inc. P.O. Box 3528 Suwanee, Georgia 30024
Manufacturer's Telephone:	770-831-4160
Email:	<a href="mailto:info@agrisel.com">info@agrisel.com</a>
Chemical emergencies:	1-800-424-9300 (Chemtrec)

## 2. HAZARDS IDENTIFICATION

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

### Classification

<b>Serious Eye Damage / Eye Irritation</b>	Category 1
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## EMERGENCY OVERVIEW

**Signal Word: DANGER**

**Pictogram:**



**Appearance:** White granules

**Physical state:** Solid

**Odor:** Amine

### Hazard Statements:

- Causes serious eye damage

### Precautionary Statements:

- Wear protective gloves/eye protection/face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor/get medical attention.

### Other Information / Potential Hazards:

May be harmful if swallowed.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight % **
Ammonium glyphosate	40465-66-5	75.7
Ammonium sulfate	7783-20-2	10 – 20
Other ingredients	Proprietary	7 – 13

*\*\* Exact concentration of components withheld as a trade secret. Values are not product specifications.*

## 4. FIRST AID MEASURES

<b>If in Eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Remove contaminated clothing and shoes.</li><li>• Rinse skin with plenty of water for 15 minutes. If irritation develops, call a poison control center or seek medical advice.</li></ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or get medical help, then give artificial respiration, preferably by mouth-to-mouth.</li></ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>Note to Physician:</b>	<ul style="list-style-type: none"><li>• Probable mucosal damage may contraindicate the usage of gastric lavage. Treat symptomatically.</li></ul>
<b>First-aider protection:</b>	Avoid contact with skin. Use barrier to give mouth-to-mouth resuscitation.

## 5. FIRE-FIGHTING MEASURES

### Flammable properties:

Non-flammable. Avoid generation of dust. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### Extinguishing media

Water spray, alcohol resistant foam, CO<sub>2</sub>

### Unsuitable extinguishing media:

High pressure water streams.

### Firefighting measures:

Move container from fire area if it can be done without risk. Use extinguishing media appropriate for

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surrounding fire. Do not breathe gases, smoke or generated vapors.

## Protective equipment and precautions for firefighters:

Wear full protective firefighting gear including self-contained breathing apparatus pressure demand (MSHA/NIOSH approved or equivalent).

## Hazardous decomposition products:

Oxides of carbon and nitrogen. May release irritating and toxic gases due to thermal decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Wear protective gloves / clothing and eye / face protection. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation.

### Environmental precautions:

Collect spillage. Keep out of waterways, sewers, drains and confined areas.

### Methods for containment:

Contain spill with inert material (e.g. sand, silical gel, binder).

### Methods for cleanup:

Pick up and transfer to properly labeled containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Minimize dust generation and accumulation.

### Precautions for safe storage:

Store and handle in accordance with all current regulations and standards. Store in a tightly closed container. Store in a cool, dry place. Store in a well-ventilated area. Protect from sunlight. Keep away from incompatible materials.

### Incompatible storage situations:

Do not store in galvanized steel containers. Separate pesticides during storage to prevent cross-contamination of other pesticides, fertilizers, food, and feed.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Exposure Guidelines:

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Engineering controls:

Ensure adequate ventilation, especially in confined areas. Provide appropriate exhaust ventilation in places where dust may be formed.

### Personal protective equipment

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<b>Eye / face protection:</b>	Wear chemical-tight goggles. If splashing is likely to occur, wear a full face shield.
<b>Body / skin protection:</b>	Long sleeved shirt, long pants, shoes plus socks.
<b>Hand protection:</b>	Wear chemical resistant gloves.
<b>Respiratory protection:</b>	If handling without sufficient ventilation, wear a dust / mist filtering respirator with organic cartridge(s).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Solid, granules
<b>Appearance:</b>	White
<b>Odor:</b>	Amine-like
<b>pH:</b>	3.0 – 6.0 (1% solution)
<b>Boiling point:</b>	Not applicable
<b>Flash point:</b>	Not applicable
<b>Relative density:</b>	0.6 g/ml
<b>Water solubility:</b>	Soluble
<b>Viscosity:</b>	Not applicable
<b>Log pow:</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity / chemical stability:</b>	Stable at normal temperature and conditions.
<b>Conditions / Materials to avoid:</b>	Avoid generation of dust. Direct sunlight. Strong oxidizing agents. Galvanized steel containers and spray equipment.
<b>Hazardous decomposition products:</b>	Oxides of carbon and nitrogen.
<b>Hazardous reactions:</b>	Not expected under normal conditions of handling and use.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

<b>Inhalation:</b>	No information available
<b>Ingestion:</b>	No information available
<b>Eye contact:</b>	Causes serious eye damage
<b>Skin contact:</b>	May cause skin irritation to susceptible persons.

<b>Symptoms:</b>	Contact with eyes will cause burning.
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### Product toxicology:

<b>Acute oral LD<sub>50</sub>:</b>	Rat LD <sub>50</sub> : 5000 mg/kg
<b>Acute dermal LD<sub>50</sub>:</b>	Rat LD <sub>50</sub> : >5000 mg/kg
<b>Acute inhalation LC<sub>50</sub>:</b>	Rat 4-hr LC <sub>50</sub> : >2.10 mg/l
<b>Eye irritation:</b>	Causes severe eye irritation.

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**Skin irritation:**

May cause slight skin irritation.

**Sensitization:**

Not a sensitizer.

## **Component toxicology:**

**Acute oral LD50:**

Ammonium sulfate: Rat LD<sub>50</sub>: 2000 mg/kg

Dispersing agent: Rat LD<sub>50</sub>: 71 mg/kg

**Acute dermal LD50:**

Dispersing agent: Rat LD<sub>50</sub>: 1300 mg/kg

**Acute inhalation LC50:**

No information available

**Carcinogenicity:**

No component of this product is listed by IARC, OSHA, NIOSH or NTP.

**Mutagenic effects:**

No information available

## **12. ECOLOGICAL INFORMATION**

**Environmental Hazards:**

May be harmful to aquatic life. Do not apply to any body of water.

**Persistence and degradability:**

No information available

**Bioaccumulation:**

No information available

**Environmental fate:**

No information available

## **13. DISPOSAL CONSIDERATIONS**

**Product disposal:**

Wastes resulting from the use of this product that cannot be used must be disposed in accordance with applicable Federal, State or local regulations at an approved waste disposal facility. Do not dispose of waste material into the environment.

**Container disposal:**

Emptied container retains product residue. Observe all labeled safeguards until container is destroyed or offered for recycling. Clean container promptly after emptying.

## **14. TRANSPORT INFORMATION**

**U.S. DOT:**

Not regulated for transport.

## **15. REGULATORY INFORMATION**

### **U.S. Federal Regulations:**

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:

Signal word: DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before re-use.

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**TSCA:** All components of this product are listed on or are exempt from listing on the TSCA chemical inventory.

**SARA 311/312:** Health, acute

**SARA 313:** No components listed

**CERCLA:** No components listed

## U.S. State Regulations:

### State Right-to-Know Regulations:

Component	CAS No.	CA	MA	NY	NJ	PA
Ammonium sulfate	7783-20-2	No	Yes	Yes	No	Yes

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

## 16. OTHER INFORMATION

<u>NFPA Ratings:</u>	Health	Fire	Instability
	3	1	0

**Revision No.:** 1.0  
**Revision Date:** 10-Jan-2017  
**Revision Note:** Initial release

## Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; CST - Centistokes; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; GHS - Global Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Association; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

## Other information / Disclaimer

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

End of Safety Data Sheet

Issue Date 24-Nov-2014

Revision Date 05-Apr-2019

Version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier.

**Product Name** Q4® Plus Turf Herbicide for Grassy & Broadleaf Weeds

### Other means of identification

**Product Code** PBI FP 6971000

**EPA Pesticide Registration Number** 2217-930

**Product Size** Gallon

### Recommended use of the chemical and restrictions on use

**Recommended Use** Herbicide

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### Supplier Address

PBI-Gordon Corporation  
P.O. Box 860350  
Shawnee, KS 66286

#### Company Name

PBI-Gordon Corporation  
P.O. Box 860350  
Shawnee, KS 66286

#### Manufacturer

PBI-Gordon Corporation  
P.O. Box 860350  
Shawnee, KS 66286

### Emergency telephone number

**24 Hour Emergency Phone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2B
Chronic Aquatic Toxicity	Category 3
Flammable liquids	Category 3

### Label elements

### Emergency Overview

#### Signal word

Warning

#### Hazard statements

- Causes eye irritation
- Harmful to aquatic life with long lasting effects
- Flammable liquid and vapor



**Appearance** Liquid

**Physical state** Liquid

**Odor** Musty

### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace



Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
Keep container tightly closed  
Wear protective gloves and protective clothing

**Precautionary Statements - Response**

IF IN EYES: 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  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
In case of fire: Use CO2, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Have the product label with you when calling a poison control center or doctor or going in for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

The low flash point of this product is due to a minor component in the mixture. Based on independent laboratory testing of similar products, this product would not sustain combustion as specified in DOT Regulation 49 CFR 173 Appendix H; however OSHA HCS 2012 flammable classifications are solely based on tested mixture flash points and boiling points.

**Other information**

Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No	Weight-%
2,4-D, dimethylamine salt	2008-39-1	11.81
Quinclorac	84087-01-4	8.43
Dimethylamine dicamba	2300-66-5	1.49
Sulfentrazone	122836-35-5	0.69
Trade Secret	Trade secret	0-1*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**Description of first aid measures**

**General advice**

Do not get in eyes, on skin, or on clothing. If symptoms persist, call a physician.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a physician.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Inhalation**

Remove to fresh air. Call a physician if irritation persists.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. See section 8 for more information.

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

**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical** In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas Do not flush into surface water or sanitary sewer system Prevent further leakage or spillage if safe to do so Prevent product from entering drains See Section 12 for additional ecological information

**Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Use personal protection equipment. Avoid breathing vapors or mists. Use with local exhaust ventilation. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable

respiratory equipment. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store locked up. Keep out of the reach of children. Keep from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits** The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2,4-D, dimethylamine salt 2008-39-1	TWA: 10 mg/m <sup>3</sup> inhalable fraction S*	TWA: 10 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> , TWA: 10 mg/m <sup>3</sup>
Trade Secret	STEL: 15 ppm TWA: 5 ppm	TWA: 10 ppm TWA: 18 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 18 mg/m <sup>3</sup>	IDLH: 500 ppm TWA: 10 ppm TWA: 18 mg/m <sup>3</sup>

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
Ceiling Maximum limit value \* Skin designation

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Chemical resistant gloves.

**Skin and body protection** Wear suitable protective clothing. Wear long-sleeved shirt, long pants, socks and shoes.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Wash hands thoroughly after handling. Wash hands before breaks and after work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Liquid  
**Color** Brown

Odor	Musty	
Odor threshold	No information available	
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	7.5 - 9.0	
Melting point/freezing point	<35 °F	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	59 °C / 138 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate	< 1	
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	<17 mm Hg	
Vapor density	>1	
Specific Gravity	1.0951	
Water solubility	Soluble in water	
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
<b><u>Other Information</u></b>		
Oxidizing properties	No information available	
Liquid Density	9.12 pounds/gallon	
Bulk density	No information available	

## 10. STABILITY AND REACTIVITY

### Reactivity

No information available

### Stability

Stable under recommended storage conditions

### Possibility of hazardous reactions

None under normal processing.

### Hazardous polymerization

Will not occur.

### Conditions to avoid

Keep out of reach of children.

### Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

### Hazardous decomposition products

May emit toxic fumes under fire conditions. Hydrogen chloride. Nitrogen oxides (NOx). Carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	May be harmful if inhaled.
Eye contact	Causes eye irritation.
Skin contact	May cause irritation.

**Ingestion** May be harmful if swallowed.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
2,4-D, dimethylamine salt 2008-39-1	= 625 mg/kg ( Rat )	= 2115 mg/kg ( Rabbit )	-
Quinclorac 84087-01-4	= 2190 mg/kg ( Rat )	> 2 g/kg ( Rat )	-
Dimethylamine dicamba 2300-66-5	= 1267 mg/kg ( Rat ) = 2629 mg/kg ( Rat )	> 2 g/kg ( Rabbit ) > 2000 mg/kg ( Rabbit )	-
Sulfentrazone 122836-35-5	> 2855 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 4.14 mg/L ( Rat ) 4 h
Trade Secret	= 698 mg/kg ( Rat )	= 3900 mg/kg ( Rat )	= 4540 ppm ( Rat ) 6 h

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Acute toxicity**

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	4146 mg/kg
<b>ATEmix (dermal)</b>	68003 mg/kg
<b>ATEmix (inhalation-gas)</b>	18135 mg/L
<b>ATEmix (inhalation-dust/mist)</b>	38.9 mg/L

**Unknown Toxicity**

32 % of the mixture consists of ingredient(s) of unknown toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 32 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 32 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 32 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** May cause skin irritation.

**Serious eye damage/eye irritation** Causes eye irritation.

**Respiratory or skin sensitization** Not a skin sensitizer.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for Carcinogenicity in humans.) The US EPA has given the chlorophenoxy Herbicides 2,4-D, 2,4-DP, MCPP, and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen. The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
2,4-D, dimethylamine salt 2008-39-1	-	Group 2B	-	-

**Legend**

IARC (International Agency for Research on Cancer)  
Group 2B - Possibly Carcinogenic to Humans

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target Organ Effects	Eyes, Respiratory system, Skin.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret	9: 96 h Pseudokirchneriella subcapitata mg/L EC50	210: 96 h Poecilia reticulata mg/L LC50 static 111 - 125: 96 h Oncorhynchus mykiss mg/L LC50 120: 96 h Oncorhynchus mykiss mg/L LC50 static 127 - 349: 96 h Poecilia reticulata mg/L LC50 semi-static 396: 96 h Brachydanio rerio mg/L LC50 static	EC50 = 26.8 mg/L 15 min	88.7: 48 h Daphnia magna Straus mg/L EC50

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations. Should not be released into the environment.

**Contaminated packaging** Do not reuse empty containers.

**US EPA Waste Number** D001, See Section 2: Hazards not otherwise classified (HNOC).

## 14. TRANSPORT INFORMATION

**Note:** Products under 93 gallons not regulated by DOT. Below are designations for products over 93 gallons. See RQ

### DOT

UN/ID no.	UN3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard class	9
Packing group	III
Reportable Quantity (RQ)	2,4-D, dimethylamine salt: RQ (lb)= 847.00 = 93 gallons
Special Provisions	8, 146, 173, 335, IB3, T4, TP1, TP29
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, dimethylamine salt), 9, III, Marine pollutant

**TDG**

<b>UN/ID no.</b>	UN3082
<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Hazard class</b>	9
<b>Packing group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, dimethylamine salt), 9, III

**MEX**

<b>UN/ID no.</b>	UN3082
<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Hazard class</b>	9
<b>Special Provisions</b>	274, 331, 335
<b>Packing group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, dimethylamine salt), 9, III

**ICAO (air)**

<b>UN/ID no.</b>	UN3082
<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Hazard class</b>	9
<b>Packing group</b>	III
<b>Special Provisions</b>	A97, A158, A197
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, dimethylamine salt), 9, III

**IATA**

	Limited quantity applies with an inner packaging less than 5 L or gross package weight less than 30 kg.
<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>Special Provisions</b>	A97, A158, A197
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, dimethylamine salt), 9, III

**IMDG**

	Limited quantity applies with an inner packaging less than 5 L or gross package weight less than 30 kg.
<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>EmS-No.</b>	F-A, S-F
<b>Special Provisions</b>	274, 335, 969
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, DIMETHYLAMINE SALT), 9, III, MARINE POLLUTANT

**15. REGULATORY INFORMATION**

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** 2217-930

**Federal Insecticide, Fungicide, Rodenticide Act Regulations**

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:.

**EPA Pesticide Label**

KEEP OUT OF REACH OF CHILDREN. CAUTION. Hazards to Humans and Domestic Animals. CAUTION: Causes moderate eye

irritation. Avoid contact with eyes or clothing. Harmful if swallowed. Environmental Hazards: This pesticide may be 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 and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate. This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

**International Inventories**

<b>TSCA</b>	Not Listed
<b>DSL/NDSL</b>	Not Listed
<b>EINECS/ELINCS</b>	Not Listed
<b>ENCS</b>	Not Listed
<b>IECSC</b>	Not Listed
<b>KECL</b>	Not Listed
<b>PICCS</b>	Not Listed
<b>AICS</b>	Not Listed

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<b>Chemical name</b>	<b>SARA 313 - Threshold Values %</b>
Dimethylamine dicamba - 2300-66-5	1.0

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

<b>Chemical name</b>	<b>CWA - Reportable Quantities</b>	<b>CWA - Toxic Pollutants</b>	<b>CWA - Priority Pollutants</b>	<b>CWA - Hazardous Substances</b>
Trade Secret	1000 lb	-	-	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

<b>Chemical name</b>	<b>Hazardous Substances RQs</b>	<b>Extremely Hazardous Substances RQs</b>
2,4-D, dimethylamine salt 2008-39-1	100 lb	-
Trade Secret	1000 lb	-

**US State Regulations**

**U.S. State Right-to-Know Regulations**

**US State Regulations**



Chemical name	New Jersey	Massachusetts	Pennsylvania
Trade Secret	X	-	X
Dimethylamine dicamba 2300-66-5	X	-	-
Trade Secret	X	X	X

## 16. OTHER INFORMATION

<b>NFPA</b>	Health hazards 2	Flammability 1	Instability 0	Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 2	Flammability 1	Physical hazards 0	Personal protection X

### Disclaimer

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**End of Safety Data Sheet**