

Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Spectracide One-Shot™ Weed & Grass Killer Concentrate 2

Other Means of Identification:

Product Code HG-87189; HG-97189; HG-87188; HG-97188
Formula Number 21-1601
EPA Reg. Number 9688-350-8845

Recommended Use: Non-Selective Herbicide

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributor Information:

Company Name Spectrum Group, Division of United Industries Corporation
Address P.O. Box 142642, St. Louis MO 63114
Telephone Number 1-800-917-5438

Emergency Telephone Number:

CHEMTREC (800)424-9300
Medical (800)633-2873

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s) Not classified as a Physical Hazard

Health Hazard(s) Eye Irritant - Category 2A
Skin Sensitizer - Category 1

Label Elements:

Hazard Pictogram(s)



Signal Word

Warning

Hazard Statements:

Causes serious eye irritation
May cause an allergic skin reaction

Precautionary Statements:

Wash hands thoroughly after handling. Wear eye protection.
Avoid breathing mist, vapors, or spray. Contaminated work clothing
must not be allowed out of the workplace. Wear protective gloves.

If in eyes: Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing. If eye
irritation persists: Get medical attention.

If on skin: Wash with plenty of water. If skin irritation or rash occurs:
Get medical advice. Wash contaminated clothing before reuse.

Dispose of contents in accordance with all local, state/provincial and
federal regulations. For more information see product label.

Hazard(s) not Otherwise Classified (HNOC): No additional information available

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
Isopropylamine salt of Imazapyr	n/a	81510-83-0	0.5930
Alcohols, C9-11 ethoxylate	n/a	68439-46-3	1.0000
Diquat Dibromide	n/a	85-00-7	0.3590
Dimethylamine Dicamba	n/a	2300-66-5	0.1200

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

Section 4 - FIRST-AID MEASURES

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact: In case of contact, wash skin with plenty of water for 15 minutes. If skin irritation or redness develops, seek medical attention.

Eye Contact: In case of contact, flush eyes with plenty of water for 15 minutes. Remove contact lenses, if worn. If irritation persists, get medical attention.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

Most Important Symptoms/Effects, Acute and Delayed: Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath.

Indication of Immediate Medical Attention & Special Treatment Needed: Seek medical attention if eye irritation or skin rash persists.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Treat for surrounding material.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical: Products of combustion may include, and are not limited to: oxides of carbon.

Special Protective Equipment and Precautions for Firefighters: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respirator protection (SCBA).

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Methods and Materials for Containment and Cleaning Up: Contain and/or absorb spill with inert material. Scoop up material and place in a disposable container. Then place in a suitable container. Do not flush to sewer

or allow to enter waterways. Use appropriate personal protective equipment (PPE).

Environmental Precautions: Report spills as required by local and national regulations. Prevent entry into storm sewers and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing mist. Do not get in contact with skin and eyes. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Conditions for Safe Storage, Including any Incompatibilities: Keep out of reach of children. Keep container tightly closed. (See section 10).

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	Exposure Limits					
	OSHA PEL		ACGIH TLV		Supplier OEL	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Diquat Dibromide	-	-	-	TWA 0.5	-	TWA 0.5 total, 0.08 respirable

Appropriate Engineering Controls: General ventilation should be adequate for all normal use.

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection: Avoid eye contact. Wear protective glasses.
 Skin and body protection: Avoid skin contact. Wear protective gloves.
 Respiratory protection: None required under normal use conditions.
 General hygiene considerations: Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Clear, yellow liquid
Odor: Mild
Odor Threshold: No data available
pH: 6.24
Melting / Freezing Point: No data available
Initial boiling point and range: No data available
Flashpoint: No data available
Evaporation Rate: No data available
Flammability (solid, gas): No data available
Upper/lower flammability or explosive limits: No data available
Vapor pressure: No data available

Vapor density: No data available
Relative density: 1.009
Solubility(ies): Soluble in water
Partition coefficient (n-octanol/water): No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability: Stable under normal storage conditions.
Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.
Conditions to avoid: Heat. Incompatible materials.
Incompatible materials: None known.
Hazardous decomposition products: May include, and are not limited to oxides of carbon.

Section 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhalation, Ingestion and/or skin or eye contact

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation: May cause respiratory tract irritation.
 Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
 Skin contact: Can cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
 Eye contact: Cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Acute Toxicity Values:

Calculated overall Chemical Acute Toxicity Values (ATE)		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
>2000 mg/kg	>2000 mg/kg	>5mg/l

Eye Contact: Causes eye irritation.
Skin Contact: Based on available data, the classification criteria are not met.
Sensitization: Can cause skin sensitization.

Chronic Effects-Carcinogenicity:

Ingredient	Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA)
None of the ingredients present in this product at or above 0.1% are listed as potential carcinogens on the NTP, IARC or OSHA lists.	

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

Comment: All information was generated using the GHS classification criteria for mixtures and test data where available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Aquatic Acute 3; Aquatic Chronic 3
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all local, state/provincial and federal regulations. For more information see product label.

Section 14 - TRANSPORTATION INFORMATION

DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

Section 15 - REGULATORY INFORMATION

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.
SARA Hazard Category (311/312): See OSHA hazards listed in section 2.

FIFRA Labeling for EPA Registered Products

US EPA Label Information:

EPA Pesticide Registration Number 9688-350-8845

Federal Insecticide, Fungicide, Rodenticide Act Regulations

This chemical is a pesticide product registered by the Environmental Protection Agency and is subjected to certain labeling requirements under the 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

CAUTION: KEEP OUT OF REACH OF CHILDREN.

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID: If in Eyes: Hold eye 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 eye. Call a Poison Control Center or doctor for treatment advice.

If on Skin or Clothing: 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.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also contact 1-800-917-5438 for emergency medical treatment information.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to aquatic invertebrates. To protect the environment, DO NOT allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

STORAGE AND DISPOSAL: Pesticide Storage: Store this product only in its original container in a secure storage area away from sources of heat or open flame. Protect product from freezing.

Pesticide Disposal and Container Handling: Nonreusable container. DO NOT reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Disclaimer:

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Section 16 - OTHER INFORMATION

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