Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Spectracide® Weed Stop® for Lawns Plus Crabgrass Killer[3]

Other Means of Identification:

EPA Registration Number	9688-337-8845
Product Code	HG-96587; HG-96588; HG-96590; HG-97055
Formula Number	HG-21-0971

Recommended Use: Selective Herbicide

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributer Information:

Company Name	Spectrum Group, Division of United Industries Corporation
Address	PO Box 142642
Telephone Number	1-800-917-5438
Website	www.spectracide.com

Emergency Telephone Number:

CHEMTREC	(800)424-9300
Medical	1-800-917-5438

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s)	Not classified as a physical hazard
Health Hazard(s)	Skin sensitizer - category 1
Environmental Hazard	Not classified as an environmental hazard

Label Elements:

Hazard Pictogram(s)

Signal Word	WARNING
Hazard Statements:	May cause an allergic skin reaction
Precautionary Statements:	Avoid breathing spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice. Wash contaminated clothing before reuse. Dispose of contents and container in accordance with local, regional, national and international regulations.

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

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
2,4-dimethylamine salt	-	2008-39-1	0.253
Quinclorac	-	84087-01-4	0.121
Dicamba, dimethylamine salt	-	2300-66-5	0.029
Sulfentrazone	-	122836-35-5	0.0150

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. 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, couch and/or shortness of breath.

Indication of Immediate Medical Attention & Special Treatment Needed: Immediate medical attention should not be required.

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. Then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate personal protective equipment (PPE). Scoop up material and place in a disposable container.

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. Avoid 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:

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2,4-D dimethylamine salt 2008-39-1	TWA: 10mg/m3 inhalable fraction	TWA: 10mg/m3	IDLH: 10 mg/m3, TWA 10 mg/m3

Appropriate Engineering Controls: Local and general ventilation

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection: None required for normal use. Avoid eye contact.
Skin and body protection: Wear protective clothing to avoid skin contact.
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, Opaque brown liquid
Odor: Amine type odor
Odor Threshold: No data available
pH: 6.0-10.0
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: 1.000
Solubility(ies): No data available

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:	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Eye contact:	May 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:	Based on available data, the classification criteria are not met.
Skin Contact:	Based on available data, the classification criteria are not met.
Sensitization:	Skin Sensitizer

Chronic Effects-Carcinogenicity:

Ingredient	Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA)
	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.

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

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product is not expected to be harmful to aquatic organisms
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

Section 14 - TRANSPORTATION INFORMATION

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

Section 15 - REGULATORY INFORMATION

US EPA Label Information:

EPA Pesticide Registration Number 9688-337-8845

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. Harmful if swallowed. Wear long-sleeved shirt and long pants, shoes plus socks and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid: If swallowed: Call a poison control center or doctor immediate for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. If in 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 eye. Call a poison control center for immediate advice.

Have the product and 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 advice.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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 clam 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.

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 or groundwater.

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

CERCLA Section 103: Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center.

Chemical Name & CAS Number	Chemical RQ (lbs.)	Concentration in Product	Product RQ (lbs.)
Sodium Hydroxide CAS # 1310-73-2	1,000	<0.01%	10,000,000
Dimethyl dicamba CAS # 2300-66-5	100	<0.1%	100,000

SARA Hazard Category (311/312):	See OSHA hazards listed in section 2.
SARA 313:	Section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals above the de minimis levels, which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):	This product does not contain chemicals regulated under California Proposition 65.
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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