Image Herbicides Weed Killer For Southern Lawns Concentrate

Safety Data Sheet

Issue date: 04/14/2017 Revision date: 04/21/2026 Supersedes: 03/25/2024 Version: 1.4

SECTION 1: Identification

1.1. Identification

Product form	:	Mixture
Name	:	Image Herbicides Weed Killer For Southern Lawns Concentrate
Synonyms	:	100551435, UPC #: 8-13576-00426-2 , EPA Reg. No.: 2217-1010-90098

1.2. Recommended use and restrictions on use

Recommended use	:	Herbicide.
Restrictions on use	:	Avoid contact with eyes, skin or clothing. Avoid inhalation of vapors or fumes. Keep out of reach of children and domestic animals.

1.3. Supplier

Central Garden & Pet, Garden Division
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339 - United States

gardendivision@central.com

www.imageforweeds.com

1.4. Emergency telephone number

Emergency number	:	1-800-265-0761 1-800-424-9300 - CHEMTREC 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (inhalation), Category 4	Harmful if inhaled.
Serious eye damage/eye irritation, Category 2A	Causes serious eye irritation.
Skin sensitization, Category 1	May cause an allergic skin reaction.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



GHS07

Signal word (GHS US) : Warning

Hazard statements (GHS US) :
May cause an allergic skin reaction
Causes serious eye irritation
Harmful if inhaled

Precautionary statements (GHS US) :
Avoid breathing mist, spray.
Wash hands, forearms and face thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
IF ON SKIN: Wash with plenty of water.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a poison center or doctor if you feel unwell.
If skin irritation or rash occurs: Get medical advice or attention.
If eye irritation persists: Get medical advice or attention.
Take off immediately all contaminated clothing and wash it before reuse.
Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : This product is toxic to fish and aquatic invertebrates. Under United States Regulations (29 CFR 1910.1200 - HCS 2024), this product is considered hazardous.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Penoxsulam	(CAS-No.) 219714-96-2	0.14
Sulfentrazone	(CAS-No.) 122836-35-5	0.14
Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid	(CAS-No.) 2008-39-1	1.46
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)	(CAS-No.) 2300-66-5	0.41
Non-hazardous and/or does not meet criteria for classification	(CAS-No.) N/A	Balance

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : 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 advice and attention.

First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Harmful if inhaled.

Symptoms/effects after skin contact : May cause an allergic skin reaction in those with a sensitivity to 2,4-dichlorophenoxy acetic acid.

Symptoms/effects after eye contact : Causes serious eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing agent suitable for surrounding fire.

Unsuitable extinguishing media : Avoid heavy hose streams.

5.2. Specific hazards arising from the chemical

Reactivity : Non-reactive under normal handling and storage conditions.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing mist, spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.

Emergency procedures : Evacuate unnecessary personnel. Stay upwind. Stop leak if safe to do so. Wear appropriate personal protective equipment, avoid direct contact.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal. Use appropriate PPE.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing mist, spray.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep from freezing. Keep cool. Protect from sunlight.

Incompatible materials : Heat, sparks, open flame. Strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid (2008-39-1)		
ACGIH	ACGIH OEL TWA	10 mg/m³ inhalable fraction
OSHA	OSHA PEL TWA	10 mg/m³
NIOSH	NIOSH REL TWA	IDLH: 10 mg/m3

8.2. Appropriate engineering controls

Appropriate engineering controls : Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

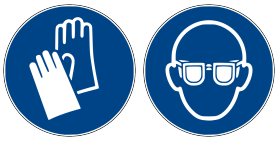
Safety glasses

Skin and body protection:

If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

Respiratory protection:

In case of insufficient ventilation, use NIOSH approved respiratory protection.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Brown liquid suspension

Color : Brown

Odor : Sweet Amine

Odor threshold : No data available

pH : 7.17 1% w/w aqueous solution @ 20.6 °C (69.1 °F)

Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	> 100 °C (212 °F)
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability	:	Not applicable
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	1.0211 @ 20.0 °C (68.0 °F)
Density	:	8.55 lbs/gal
Solubility	:	Miscible with water
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	302.3 ± 76.8 cP@ 22.0 °C (71.6 °F), 188.1 ± 37.9 cP @ 45.2 °C (113.4 °F)
Explosion limits	:	No data available
Explosive properties	:	Not explosive
Oxidizing properties	:	Not applicable
Particle characteristics	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Non-reactive under normal handling and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

10.4. Conditions to avoid

Protect from sunlight. Avoid excessive heat and freezing conditions.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Image Herbicides Weed Killer For Southern Lawns Concentrate	
LD50 oral rat	> 5000 female
LD50 dermal rabbit	> 5000
LC50 Inhalation - Rat [ppm]	> 2.04

GHS-US Properties	Classification
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Harmful if inhaled.
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation.
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)	Not classified
Aspiration hazard	Not classified

Potential health effects

Inhalation

Acute : Harmful if inhaled.

Skin

Chronic : May cause an allergic skin reaction in those with a sensitivity to 2,4-dichlorophenoxy acetic acid.

Eye

Acute : Causes serious eye irritation.

Ingestion

Acute : Under normal conditions of use, no health effects are expected.

Mutagenicity : Not classified.

Carcinogenicity : Not classified.

Reproductive Effects : Not classified.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

Image Herbicides Weed Killer For Southern Lawns Concentrate	
Ecological Fate	This product is toxic to fish and aquatic invertebrates.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

	UN number	Proper Shipping Name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not regulated	Not regulated	Not regulated	Not regulated	RQ: Dimethylamine salt of 2,4-dichlorophenoxyacetic acid = 100 lbs.
IMDG	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
IATA	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid (2008-39-1)	
CERCLA RQ	100 lb

Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid) (2300-66-5)	
Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1 %

EPA Labelling	
EPA Registration Number	2217-1010-90098
This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.	
FIFRA Hazard statements	**Caution**
FIFRA Precautionary statements	KEEP OUT OF REACH OF CHILDREN.
FIFRA Hazards to Humans and Domestic Animals	Causes moderate eye irritation. Harmful if absorbed through skin or if swallowed. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves. Wash thoroughly with soap and water after handling. After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.
FIFRA 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 swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. 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.
FIFRA Environmental hazards	This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff may be hazardous to aquatic organisms in water and to plants adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate. 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 to 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 run off to water bodies or drainage systems. Non-Target Organism Advisory Statement: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift. Groundwater Advisory Statement: This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow. Surface Water Advisory Statement: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of penoxsulam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

15.2. US State regulations

No additional information available

SECTION 16: Other information

Issue date	:	14 April 2017
Revision date	:	21 April 2026
Supersedes	:	25 March 2024

Indication of changes:
Revised Sec. 9: Odor.

SDS US (GHS HazCom 2024) - CGP

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