

Image Herbicides Weed Killer Foaming Spray For Lawns

Safety Data Sheet

Issue date: 03/18/2025

Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Name : Image Herbicides Weed Killer Foaming Spray For Lawns
Synonyms : 100552218, EPA Reg. No.: 53883-503-90098

1.2. Recommended use and restrictions on use

Recommended use : Selective herbicide.
Restrictions on use : Keep out of reach of children. Avoid all contact with skin, eyes, or clothing. Keep away from heat, sparks and flame.

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

Flammable aerosol, Category 2 Flammable aerosol.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



GHS02

Signal word (GHS US) : Warning
Hazard statements (GHS US) : Flammable aerosol
Precautionary statements (GHS US) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), 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

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| Name | Product identifier | % |
|--|----------------------|-----------|
| Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid | (CAS-No.) 2008-39-1 | 0.18 |
| Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid | (CAS-No.) 66423-09-4 | 0.05 |
| Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid) | (CAS-No.) 2300-66-5 | 0.02 |
| Propane | (CAS-No.) 74-98-6 | 3 – 4 |
| n-Butane | (CAS-No.) 106-97-8 | 3.5 – 4.5 |
| 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 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. 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. Call a physician immediately. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

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

No additional information available

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 : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Avoid heavy hose streams.

5.2. Specific hazards arising from the chemical

Fire hazard : Flammable aerosol. Pressurized container: may burst if heated.

Explosion hazard : Pressurized container. At temperatures above 130°F, container may rupture.

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Do not use direct stream of water. A direct stream of water may spread fire. Ventilate closed spaces before entering. Do not breathe gas/fumes/vapor/spray. Move containers away from the fire area if this can be done without risk. Stay upwind. Do not allow fire fighting water to escape into waterways or sewers.

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. Do not breathe vapors, fumes, spray. Avoid contact with skin, eyes and clothing. Wear appropriate personal protective equipment, avoid direct contact.

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 : Contents under pressure. At temperatures above 130°F, container may rupture. As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Evacuate unnecessary personnel. Turn off electric power to area. Stay upwind. Stop leak if safe to do so. Ventilate area. Wear appropriate personal protective equipment, avoid direct contact.

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | : Keep away from fire, sparks, and heated surfaces. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing fumes. |
| 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 | : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep cool. Keep from freezing. NFPA Aerosol Classification: Level 1. |
| Incompatible materials | : Heat, sparks, open flame. Strong acids. Strong bases. Strong oxidizers. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid (2008-39-1) | | |
|--|---------------|---|
| ACGIH | ACGIH OEL TWA | 10 mg/m ³ inhalable fraction |
| OSHA | OSHA PEL TWA | 10 mg/m ³ |
| NIOSH | NIOSH REL TWA | IDLH: 10 mg/m ³ |

| Propane (74-98-6) | | |
|-------------------|----------------|------------------------|
| ACGIH | Remark (ACGIH) | Simple Asphyxiant |
| OSHA | OSHA PEL TWA | 1800 mg/m ³ |
| OSHA | OSHA PEL TWA | 1000 ppm |
| IDLH | IDLH | 2100 ppm (10% LEL) |
| NIOSH | NIOSH REL TWA | 1800 mg/m ³ |
| NIOSH | NIOSH REL TWA | 1000 ppm |

| n-Butane (106-97-8) | | |
|---------------------|----------------|------------------------|
| ACGIH | ACGIH OEL STEL | 1000 ppm |
| NIOSH | NIOSH REL TWA | 1900 mg/m ³ |
| NIOSH | NIOSH REL TWA | 800 ppm |

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

Eye protection:

Safety glasses

Skin and body protection:

Wear long-sleeved shirt, long pants, socks and shoes

Respiratory protection:

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

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Appearance | : White to clear aerosol spray |
| Color | : White to clear |
| Odor | : No data available |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability | : Flammable aerosol |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : 1.0003 |
| Solubility | : No data available |
| 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 | : 1 cP @ 20 °C, 0.7 cP @ 40 °F |
| Explosion limits | : No data available |
| Explosive properties | : Pressurized container: may burst if heated |
| Oxidizing properties | : Not applicable |
| Flame extention | : 8.1 in |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Aerosols exposed to high temperatures may rupture, rocket and cause secondary hazards. Hazardous polymerization will not occur.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Heat. Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition may occur when heated producing oxides of carbon and nitrogen, volatile hydrocarbon vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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| Image Herbicides Weed Killer Foaming Spray For Lawns | |
|--|--------------------------------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rat | > 5000 mg/kg |
| LC50 Inhalation - Rat | > 2.1 mg/l/4h (All animals survived) |
| Vaporizer | Aerosol |

| GHS-US Properties | Classification |
|--|----------------|
| Acute toxicity (oral) | Not classified |
| Acute toxicity (dermal) | Not classified |
| Acute toxicity (inhalation) | Not classified |
| Skin corrosion/irritation | Not classified |
| Serious eye damage/irritation | Not classified |
| Respiratory or skin sensitization | Not classified |
| 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 : Under normal conditions of use, no health effects are expected.

Skin

Acute : May cause slight skin irritation.

Eye

Acute : May cause minimal 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

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| | |
|-----------------|--|
| Ecological Fate | This pesticide is toxic to fish and to aquatic organisms and may adversely affect non-target plants. |
|-----------------|--|

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.

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SECTION 14: Transport information

| | UN number | Proper Shipping Name | Transport hazard class(es) | Packing group | Environmental hazards |
|------|-----------|---|----------------------------|----------------|-----------------------|
| DOT | UN1950 | Aerosols, Flammable | 2.1 | Not applicable | Not applicable |
| IMDG | UN1950 | Aerosols, flammable (contains Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid and Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid) | 2.1 | Not applicable | Marine pollutant |
| IATA | UN1950 | Aerosols, flammable | 2.1 | Not applicable | Not applicable |

SECTION 15: Regulatory information

15.1. US Federal regulations

| | |
|--|--|
| Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid (2008-39-1) | |
| CERCLA RQ | 100 lb |
| Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid (66423-09-4) | |
| Not listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 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 % |
| Propane (74-98-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| n-Butane (106-97-8) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA Labelling | |
| EPA Registration Number | 53883-503-90098 |
| 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 Precautionary statements | KEEP OUT OF REACH OF CHILDREN. |
| FIFRA Hazards to Humans and Domestic Animals | Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves made of any waterproof material. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. |
| 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. |
| FIFRA Environmental hazards | This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. 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. 2,4-D and MCPP-P have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals 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. NON-TARGET ORGANISM ADVISORY: 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. |
| FIFRA Physical hazards | Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting. |

15.2. US State regulations

No additional information available

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SECTION 16: Other information

Issue date : 18 March 2025

SDS US (GHS HazCom 2012) - CGP

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