

Image Herbicides Noxall Weed + Grass Killer Granules

Safety Data Sheet

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Version: 1.1

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Name : Image Herbicides Noxall Weed + Grass Killer Granules
 Synonyms : 100551472, 100551473, UPC #: 0-70624-60009-2, EPA Reg. No.: 802-536-90098

1.2. Recommended use and restrictions on use

Recommended use : Non selective herbicide.
 Restrictions on use : Keep out of reach of children. Avoid contact with eyes, skin or clothing. Avoid breathing dust.

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 (dermal) Category 4 : Harmful in contact with skin
 Carcinogenicity Category 1A : May cause cancer

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :  
 GHS07 GHS08

Signal word (GHS US) : Danger
 Hazard statements (GHS US) : Harmful in contact with skin
 May cause cancer

Precautionary statements (GHS US) : Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF ON SKIN: Wash with plenty of water.
 If exposed or concerned: Get medical advice/attention.
 Call a poison center or doctor if you feel unwell.
 Take off contaminated clothing and wash it before reuse.
 Store locked up.
 Dispose of content and/or container 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 : 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

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3.2. Mixtures

| Name | Product identifier | % |
|--|----------------------|---------|
| 2,6-Dichlorobenzonitrile | (CAS-No.) 1194-65-6 | 2 |
| Silica, crystalline - quartz | (CAS-No.) 14808-60-7 | ≥ 0.1 |
| 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. Wash skin with plenty of water. Take off 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 skin contact : Harmful in contact with skin.
- Chronic symptoms : May cause cancer.

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 : 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 allow fire fighting water to escape into waterways or sewers. Keep unauthorized personnel away.
- 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 : 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. Positive pressure self-contained breathing apparatus (SCBA). For further information refer to section 8: Exposure controls/personal protection.
- Emergency procedures : Do NOT wash away into sewer. Avoid release to the environment. Evacuate unnecessary personnel. Stay upwind. Stop release. Ventilate area. 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 : Sweep or scoop spills, dispose of any unusable material in approved landfill. Use appropriate PPE.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Provide local exhaust or general room ventilation. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid dust formation.

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Hygiene measures : 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. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool. Store in a dry place. Keep container tightly closed. Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Silica, crystalline - quartz (14808-60-7) | | |
|---|---------------|---|
| ACGIH | ACGIH OEL TWA | 0.025 mg/m ³ : (respirable particulate matter) |
| OSHA | OSHA PEL TWA | 50 µg/m ³ |
| IDLH | IDLH | 50 mg/m ³ : (respirable dust) |
| NIOSH | NIOSH REL TWA | 0.05 mg/m ³ : (respirable dust) |

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 : Solid
Appearance : White or brown solid granules
Color : White or brown
Odor : No data available
Odor threshold : No data available
pH : Not applicable
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : Not applicable
Relative evaporation rate (butyl acetate=1) : No data available
Flammability : Non-flammable
Vapor pressure : No data available
Relative vapor density at 20°C : No data available
Relative density : No data available

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| | |
|---|---------------------|
| Solubility | : Soluble |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : Not applicable |
| Viscosity, dynamic | : Not applicable |
| Explosion limits | : Not applicable |
| Explosive properties | : Not explosive |
| Oxidizing properties | : Not applicable |

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. Hazardous polymerization will not occur.

10.4. Conditions to avoid

Avoid extreme temperatures. Avoid direct sunlight.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

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 Noxall Weed + Grass Killer Granules | |
|--|--------------|
| LD50 oral | > 3160 mg/kg |
| LD50 dermal | > 1350 mg/kg |

| Silica, crystalline - quartz (14808-60-7) | |
|---|----------------------------|
| Listed on IARC (International Agency for Research on Cancer), Listed as carcinogen on NTP (National Toxicology Program) | |
| IARC group | 1 - Carcinogenic to humans |
| National Toxicity Program (NTP) Status | Known Human Carcinogens |
| In OSHA Hazard Communication Carcinogen list? | Yes |

| GHS-US Properties | Classification |
|--|-------------------------------|
| Acute toxicity (oral) | Not classified |
| Acute toxicity (dermal) | Harmful in contact with skin. |
| 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 | May cause cancer. |
| 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

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Inhalation

Acute : Acute Silicosis can occur with exposures to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as a few months. The symptoms of acute silicosis include progressive shortness of breath, fever, cough and weight loss. Exposure to dust may cause respiratory irritation.

Chronic : Repeated and prolonged exposure to crystalline silica containing materials may cause irritation and/or lung damage silicosis, fibrosis, inflammation, cancer.

Skin

Acute : Harmful if absorbed through skin. May cause skin irritation.

Eye

Acute : Exposure to dust may cause mechanical irritation.

Ingestion

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

Mutagenicity : Not classified.

Carcinogenicity : Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans.

Reproductive Effects : Not classified.

SECTION 12: Ecological information

12.1. Toxicity

| 2,6-Dichlorobenzonitrile (1194-65-6) | |
|--------------------------------------|--|
| LC50 Acute fish 1 | 3.98 – 9.07 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| LC50 Acute fish 2 | 3.83 – 6.34 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| LC50 Acute fish 3 | 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) |
| EC50 - Crustacea [1] | 6.2 mg/l (Exposure time: 48 h - Species: Daphnia magna) |

12.2. Persistence and degradability

| 2,6-Dichlorobenzonitrile (1194-65-6) | |
|--------------------------------------|--|
| Persistence and degradability | Not readily biodegradable in the soil. Not readily biodegradable in water. |

12.3. Bioaccumulative potential

| 2,6-Dichlorobenzonitrile (1194-65-6) | |
|--------------------------------------|--|
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

12.4. Mobility in soil

| 2,6-Dichlorobenzonitrile (1194-65-6) | |
|--------------------------------------|--|
| Ecology - soil | Not toxic to bees. May be toxic to plant growth, blooming and fruit formation. |

12.5. Other adverse effects

No data available

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: 2,6-Dichlorobenzonitrile = 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

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| | |
|--|--|
| 2,6-Dichlorobenzonitrile (1194-65-6) | |
| CERCLA RQ | 100 lb |
| Silica, crystalline - quartz (14808-60-7) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA Labelling | |
| EPA Registration Number | 802-536-90098 |
| 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 | Harmful if swallowed or absorbed through skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust. It is recommended you wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. It is also recommended you remove contaminated clothing and wash clothing before use. |
| FIFRA First aid | 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. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for further treatment advice. |
| FIFRA Environmental hazards | 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. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in ground water contamination. |

15.2. US State regulations

| Silica, crystalline - quartz (14808-60-7) | | | | |
|---|---|---|---|----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significant risk level (NSRL) |
| Yes | No | No | No | |

SECTION 16: Other information

Issue date : 22 December 2015
 Revision date : 16 April 2024
 Supersedes : 01 April 2021

Indication of changes:

Revised Sec. 1: Material name change. Revised Sec. 1: Revised material number(s). Revised Sec. 14: Updated transportation description.

SDS US (GHS HazCom 2012) - CGP

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