

Safety Data Sheet Issue date: 12/22/2015

Revision date: 04/16/2024

Supersedes: 04/01/2021

Version: 1.1

Product form       :       Mixture         Name       :       Image Herbicides Cascron Weed + Grass Preventer Granules         Synonyms       :       100551470, 100551471, UPC #: 0-70624-61009-1, EPA Reg. No: 802-536-90098         Recommended use and restrictions on use       :       Selective herbicide.         Rescinations on uses       :       Selective herbicide.         Supplier       :       Keen out of reach of children. Avoid contact with eyes, skin or clothing. Avoid breathing dust.         Alama, GA 20039 - United States       :       Selective herbicide.         gardendivision@central.com       :       :         www.imageforweeds.com       :       :         4.       Energency talephone number       :         Emergency number       :       :       :         Statistication       :       :       :       :         Classification       :       :       :       :         Acts toxicity (demai) Category 1       :       :       :       :         Classification       :       :       :       :       :         Acts toxicity (demai) Category 1        :       :       :       :         Statistication	ls	sue date: 12/22/2015	Revision date: 04/16/2024	Supersedes: 04/01/2021	Version: 1.1
1. Identification       : Muture         Product form       : Image Herbicides Casoron Weed + Grass Preventer Granules         Synonyms       : 100551471. UPC #: 0-70624-61009-1. EPA Reg. No.: 802-558-90098         2. Recommended use and restrictions on use       : Selective herbicide.         Restrictions on use       : Selective herbicide.         Restrictions on use       : Selective herbicide.         Central Garden & Pet. Garden Division 1000 Parkwood Cries. Suit Prot ON       Xamae, GA 30339 - United States         gardendwision@central com       : 1-900-265-0761         1.4000-2424-93000 - CHEMTREC       : 1-900-2424-93000 - CHEMTREC         1.900-2424-93000 - CHEMTREC - Outside North America - Collect Calls Accepted         CECTION 2: Hazard(s) Identification       Kay cause cancer         Cassification of the substance or mixture       : Selective states         Sty Diabeling       : Danger         Hazard pickograms (GHS US)       : Danger         Signal word (GHS US)       : Danger         Hazard statements (GHS US)       : Harriful in contact with skin May cause cancer         No contact with skin May cause cancer       : Danger         Precautionary statements (GHS US)       : Danger         Hazard pickograms (GHS US)       : Danger         Hazard pickograms (GHS US) <td: danger<="" td="">         Ha</td:>	SECTION 1: Identification				
Product form       :       Mixture         Name       :       Image Herbicides Cascron Weed + Grass Preventer Granules         Synonyms       :       100551470, 100551471, UPC #: 0-70624-61009-1, EPA Reg. No: 802-536-90098         Recommended use and restrictions on use       :       Selective herbicide.         Rescinations on uses       :       Selective herbicide.         Supplier       :       Keen out of reach of children. Avoid contact with eyes, skin or clothing. Avoid breathing dust.         Alama, GA 20039 - United States       :       Selective herbicide.         gardendivision@central.com       :       :         www.imageforweeds.com       :       :         4.       Energency talephone number       :         Emergency number       :       :       :         Statistication       :       :       :       :         Classification       :       :       :       :         Acts toxicity (demai) Category 1       :       :       :       :         Classification       :       :       :       :       :         Acts toxicity (demai) Category 1        :       :       :       :         Statistication					
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Restrictions on use       : Keep out of reach of children. Avoid contact with eyes, skin or clothing. Avoid breathing dust.         3. Supplier       Charla Gardan SPL Garden Division 1000 Parkwood Circle, Sulle 700.         Martan, GA 3039 - United States       gardendivision@central.com         yamagforweeds.com       Emergency telephone number         Emergency telephone number       Image: Control Contere Control Control Control Control Control Control Contrecont Co			hicide		
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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. 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.         3.       Other hazards which do not result in classification       : Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), th product is considered hazardous.         4.       Unknown acute toxicity (GHS US)       : Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), th product is considered hazardous.         Store locked US       : Store locked US         More applicable       : Store locked US	GHS US labeling				
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classification       product is considered hazardous.         .4.       Unknown acute toxicity (GHS US)         Not applicable       SECTION 3: Composition/Information on ingredients					
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SECTION 3: Composition/Information on ingredients		IS)			
.1. Substances	SECTION 3: Composition/Inform	ation on ingredie	nts		
	3.1. Substances				

### Not applicable

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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
ECTION 4: First-aid measures			
.1. Description of first aid measures			
First-aid measures after inhalation	: IF INHALED: Remove person to fre CENTER or doctor/physician if you	feel unwell.	C
First-aid measures after skin contact	0	on or rash occurs: Get medical advic	e/attention.
First-aid measures after eye contact	, ,	eye irritation persists: Get medical a	dvice and attention.
First-aid measures after ingestion	: IF SWALLOWED: Call a POISON C Do NOT induce vomiting unless dire	CENTER or doctor/physician if you fe ected to do so by medical personnel.	
.2. Most important symptoms and ef	fects (acute and delayed)		
Symptoms/effects after skin contact	: Harmful in contact with skin.		
Chronic symptoms	: May cause cancer.		
.3. Immediate medical attention and	special treatment, if necessary		
reat symptomatically.			
ECTION 5: Fire-fighting measure	S		
.1. Suitable (and unsuitable) extingu	ishing media		
Suitable extinguishing media	: Use extinguishing agent suitable for	r surrounding fire.	
Unsuitable extinguishing media	: Avoid heavy hose streams.		
2. Specific hazards arising from the	chemical		
Reactivity	: The product is non-reactive under r	ormal conditions of use, storage and	l transport.
.3. Special protective equipment and	I precautions for fire-fighters		
Firefighting instructions	<ol> <li>Do not allow fire fighting water to es personnel away.</li> </ol>	scape into waterways or sewers. Kee	p unauthorized
Protection during firefighting	: Do not attempt to take action withou apparatus. Complete protective clo	ut suitable protective equipment. Sell hing.	-contained breathing
SECTION 6: Accidental release me	easures		
.1. Personal precautions, protective	equipment and emergency procedures		
.1.1. For non-emergency personnel			
Emergency procedures	: Wear appropriate personal protectiv	ve equipment, avoid direct contact.	
5.1.2. For emergency responders			
Protective equipment		ut suitable protective equipment. Pos BA). For further information refer to s	
Emergency procedures	: Do NOT wash away into sewer. Ave	oid release to the environment. Evac se. Ventilate area. Wear appropriate	
.2. Environmental precautions			
void release to the environment.			
.3. Methods and material for contain	ment and cleaning up		
Methods for cleaning up	: Sweep or scoop spills, dispose of a PPE.	ny unusable material in approved lar	ndfill. Use appropriate
ECTION 7: Handling and storage			
.1. Precautions for safe handling			
Precautions for safe handling	been read and understood. Take al release of the product on the workp	station. Do not handle until all safety I necessary technical measures to av lace. Provide local exhaust or genera it. Avoid contact with skin and eyes.	oid or minimize the al room ventilation.

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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 <sup>3</sup> : (respirable particulate matter)
OSHA	OSHA PEL TWA	50 μg/m³
IDLH	IDLH	50 mg/m³ : (respirable dust)
NIOSH	NIOSH REL TWA	0.05 mg/m³ : (respirable dust)

8.2.	Appropriate engineering controls

Appropriate	engineering	controls
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: 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**

Physical state	: Solid
Appearance	: White or brown solid granules
Color	: White or brown
Odor	: No data available
Odor threshold	: No data available
рН	: 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 Casoron Weed + Grass Preventer 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

Safety Data Sheet

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
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required at a sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label 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: Revised material number(s). Revised Sec. 1: Material name change. Revised Sec. 14: Updated transportation description.

SDS US (GHS HazCom 2012) - CGP

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