

Safety Data Sheet

Issue date: 03/08/2016 Revision date: 11/03/2022 Supersedes: 09/22/2016 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form

Synonyms

Name

- : Mixture
- : Howard Johnson's Prevents Crabgrass Plus with 0.086% Dimension, Howard Johnson's Prevents Crabgrass Plus with 0.107% Dimension, Howard Johnson's Prevents Crabgrass Plus with 0.13% Dimension, Howard Johnson's Prevents Crabgrass Plus with 0.172% Dimension, Hummert's Dyna Green Crabgrass Preventer Lawn Fertilizer with Dimension, Terre 7-0-0 Dimension 0.172%, Turf Gro Prevents Crabgrass Plus with 0.172% Dimension, Jirdon Crabgrass Control Plus Fertilizer, Lawn King Crabgrass Preventer Plus with 0.06% Dimension, Turfgro 0.13% Dimension 15-3-5, Howard Johnson's Dimension 0.27G T & O, Howard Johnson's Dimension 0.19% FG Turf Herbicide, Howard Johnson's Dimension 0.25% Plus Fertilizer, 0.13% Dimension 15-0-5
- : EPA Reg. No.: 32802-68; EPA Reg. No.: 32802-69; EPA Reg. No.: 32802-71; EPA Reg. No.: 32802-73; EPA Reg. No.: 32802-78; EPA Reg. No.: 62719-429-32802; EPA Reg. No.: 62719-

488-32802; EPA Reg. No.: 62719-492-32802; FertCa

1.2. Recommended use and restrictions on use

Recommended use : Herbicide with fertilizer.

Restrictions on use : Keep out of reach of children. Avoid all contact with skin, eyes, or clothing. Avoid breathing

dust.

1.3. Supplier

Howard Johnson's Enterprises, Inc. 9675 S. 60th Street Franklin, WI 53132 - United States www.hjefertilizer.com (414) 394-3590 - 8:30am - 5:00pm CST www.hiefertilizer.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 - CHEMTREC - Transportation and Non-Transportation related emergencies

1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

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SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Carcinogenicity Category 1A

May cause cancer

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: 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 exposed or concerned: Get medical advice/attention.

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

: This pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. 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

Name	Product identifier	%
Dimension	(CAS-No.) 97886-45-8	0.06 - 0.27
Silica, crystalline - quartz	(CAS-No.) 14808-60-7	≥ 0.1
Limestone	(CAS-No.) 1317-65-3	10 – 90
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 : IF exposed or concerned: Get medical advice/attention.

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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. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

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

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

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

: Avoid contact with skin, eyes and clothing. Avoid release to the environment. Do not breathe dust. Only qualified personnel equipped with suitable protective equipment may intervene.

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

: Avoid dust formation. 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.

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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.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. 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. Avoid humid, wet or moist conditions. Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Silica, crystalline - quartz (14808-60-7)			
ACGIH	ACGIH OEL TWA	0.025 mg/m³ : (respirable particulate matter)	
OSHA	OSHA PEL TWA [1]	50 µg/m³	
IDLH	IDLH	50 mg/m³ : (respirable dust)	
NIOSH	NIOSH REL TWA	0.05 mg/m³ : (respirable dust)	
Limestone (1317-65-3)			
Limestone (1317-65-3)			
OSHA	OSHA PEL TWA [1]	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)	

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:

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If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact. Use of a full body suit such as Tyvek or Tychem suit is recommended.

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 : Variable colored granules

Color : Variable

Odor : No data available Odor threshold : No data available pН : Not applicable : No data available Melting point Freezing point : Not applicable Boiling point : No data available Flash point : Not applicable Relative evaporation rate (butyl acetate=1) : No data available Flammability : Non-flammable : No data available Vapor pressure Relative vapor density at 20 °C : No data available Relative density : Not applicable : 48 - 80 lb/ft³ **Bulk density** Solubility : No data available 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

9.2. Other information

Oxidizing properties

No additional information available

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: Not applicable

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

Extreme heat, high humidity or moisture.

10.5. Incompatible materials

No additional information available

Dimension (97886-45-8)

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

LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 2600 mg/kg	
LC50 Inhalation - Rat	> 5 mg/l/4h	
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		
n OSHA Hazard Communication Carcinogen list? Yes		

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	May cause cancer.
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified

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Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

Potential health effects

Inhalation

Acute : Exposure to dust may cause nasal and respiratory irritation. 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.

Chronic : Excessive inhalation of crystalline silica (quartz) may cause lung injury.

Skin

Acute : May cause mild mechanical irritation.

Eye

Acute : May cause mild 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

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 highly toxic to other aquatic organisms including oysters and shrimp.

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	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
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

Silica, crystalline - quartz (14808-60-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Limestone (1317-65-3)		
Listed on the United States TSCA (Toxic Substa	ances Control Act) inventory	
EPA Labelling		
EPA Registration Number	EPA Reg. No.: 32802-68; EPA Reg. No.: 32802-69; EPA Reg. No.: 32802-71; EPA Reg. No.: 32802-73; EPA Reg. No.: 32802-78; EPA Reg. No.: 62719-429-32802; EPA Reg. No.: 62719-488-32802; EPA Reg. No.: 62719-492-32802; FertCa	
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 eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.	
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 five 5 minutes, then continue rinsing eye. 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 an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. 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 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 do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.	
FIFRA Environmental hazards	This pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift or runoff may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly	

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to water, or to areas where surface water is present, or to intertidal areas below the mean high
water mark. Do not apply when weather conditions favor drift from treated areas. Do not
contaminate water when disposing of equipment washwaters.

15.2. US State regulations

No additional information available

SECTION 16: Other information

Issue date: 08 March 2016Revision date: 03 November 2022Supersedes: 22 September 2016

SDS US (GHS HazCom 2012) - CGP

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

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