

## Safety Data Sheet



### Section 1: Identification

#### Product identifier

- Product Name** • **Howard Johnson's Turf Fertilizer Plus Acelepryn Insecticide**
- Synonyms** • EPA Reg. No.: 32802-82, Fert Ca
- Product Description** • Yellow and gray free flowing granules.

#### Relevant identified uses of the substance or mixture and uses advised against

- Recommended use** • Lawn fertilizer with insect control.
- Restrictions on use** • Avoid contact with skin and eyes. Do not take internally.

#### Details of the supplier of the safety data sheet

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

#### Emergency telephone number

- Manufacturer** • 1-800-424-9300 - CHEMTREC - Transportation and Non-Transportation related emergencies
- Manufacturer** • 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

- OSHA HCS 2012** • Carcinogenicity 1A

#### Label elements

**OSHA HCS 2012**

**DANGER**



**Hazard statements** • May cause cancer.

### Precautionary statements

**Prevention** • Do not handle until all safety precautions have been read and understood.  
Obtain special instructions before use.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Response** • IF exposed or concerned: Get medical advice/attention.

**Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.  
Store locked up.

### Other hazards

#### OSHA HCS 2012

- Highly toxic to aquatic invertebrates, oysters and shrimp. Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

### Mixtures

Composition		
Chemical Name	Identifiers	%
Chlorantranilprole (Acelepryn)	CAS:500008-45-7	0.067%
Silica, crystalline - quartz	CAS:14808-60-7	> 0.1%
Fertilizer ingredients	NDA	> 99%

## Section 4: First-Aid Measures

### Description of first aid measures

- Inhalation**
- If signs/symptoms continue, get medical attention. Remove to fresh air.
- Skin**
- If skin irritation occurs: Get medical advice/attention. Wash skin with soap and water.
- Eye**
- If contact with material occurs flush eyes with water. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- Do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to by a poison control center or doctor. Get medical attention if symptoms occur.

### Most important symptoms and effects, both acute and delayed

- May cause cancer. Refer to Section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed

**Notes to Physician**

- Treat symptomatically and supportively.

**Section 5: Fire-Fighting Measures****Extinguishing media**

- Suitable Extinguishing Media**
- LARGE FIRE: Water spray, fog or regular foam.
  - SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.

- Unsuitable Extinguishing Media**
- None known.

**Special hazards arising from the substance or mixture**

- Unusual Fire and Explosion Hazards**
- Reacts with strong oxidants, nitrites, inorganic chlorides, chlorites and perchlorates causing fire and explosion hazard.

- Hazardous Combustion Products**
- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

**Advice for firefighters**

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

**Section 6 - Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

- Personal Precautions**
- Avoid dust formation and breathing dust. Avoid contact with skin, eyes, and clothing. Ventilate enclosed areas.

- Emergency Procedures**
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. Keep unauthorized personnel away. Stay upwind.

**Environmental precautions**

- Toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

**Methods and material for containment and cleaning up**

- Containment/Clean-up Measures**
- SMALL DRY SPILLS: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

**Section 7 - Handling and Storage****Precautions for safe handling**

- Handling**
- Avoid breathing dust. Avoid contact with skin or eyes. Use good safety and industrial hygiene practices. Use only in well ventilated areas. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Wear appropriate personal protective equipment, avoid direct contact.

**Conditions for safe storage, including any incompatibilities**

- Storage**
- Store in a cool, dry, well-ventilated place. Store locked up away from strong acids, strong bases, halogens and reducing agents.

- Incompatible Materials or Ignition Sources**
- Heat, strong acids, strong bases, halogens, reducing agents, ammonium nitrates, magnesium and sodium hypochlorite and alkalis.

**Section 8 - Exposure Controls/Personal Protection****Control parameters**

- Exposure Limits/Guidelines**
- No data available.

Exposure Limits/Guidelines			
	Result	ACGIH	NIOSH
Silica, crystalline - quartz (14808-60-7)	TWAs	0.025 mg/m <sup>3</sup> TWA (respirable fraction)	0.05 mg/m <sup>3</sup> TWA (respirable dust)

### Exposure Control Notations

#### ACGIH

- Silica, crystalline - quartz (14808-60-7): **Carcinogens:** (A2 - Suspected Human Carcinogen)

### Exposure Limits Supplemental

#### OSHA

- Silica, crystalline - quartz (14808-60-7): **Mineral Dusts:** ((30)/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup> TWA, total dust; (250)/(%SiO<sub>2</sub> + 5) mppcf TWA, respirable fraction; (10)/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup> TWA, respirable fraction)

#### ACGIH

- Silica, crystalline - quartz (14808-60-7): **TLV Basis - Critical Effects:** (lung cancer; pulmonary fibrosis)

### Exposure controls

#### Engineering Measures/Controls

- Non-Household Setting: Use in a well ventilated area. Use safety glasses. If airborne mist hazard exists use gloves and other protective clothing to prevent skin contact.

#### Personal Protective Equipment

##### Pictograms



##### Respiratory

- If prolonged exposure is anticipated, it is recommended for handlers to wear an approved MSHA/NIOSH dust mask N-95.

##### Eye/Face

- Wear safety glasses.

##### Hands

- Wear appropriate gloves.

##### Skin/Body

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

#### Environmental Exposure Controls

- Avoid contaminating waterways and sewers. Avoid release to the environment.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Yellow and gray free-flowing granules.
Color	Yellow and gray.	Odor	Fertilizer characteristic sulfurous.
Taste	No data available	Particulate Type	No data available
Particulate Size	Data lacking	Odor Threshold	No data available
General Properties			
Boiling Point	Not relevant	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Not relevant
Specific Gravity/Relative Density	Varies	Density	No data available
Bulk Density	45 to 80 lb(s)/ft <sup>3</sup>	Water Solubility	No data available
Viscosity	Not relevant		
Volatility			
Vapor Pressure	No data available	Vapor Density	Not relevant

Evaporation Rate	No data available		
<b>Flammability</b>			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	None
Flame Duration	No data available	Flammability (solid, gas)	No data available
<b>Environmental</b>			
Octanol/Water Partition coefficient	No data available		

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable under normal temperatures and pressures.

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- Moisture and humid conditions.

### Incompatible materials

- Should not be mixed or stored with strong acids, strong bases, halogens, reducing agents.

### Hazardous decomposition products

- Decomposes on heating above melting point producing toxic gases.

## Section 11 - Toxicological Information

### Information on toxicological effects

GHS Properties	Classification
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Carcinogenicity 1A
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met

## Potential Health Effects

### Inhalation

- Acute (Immediate)**
  - Exposure to dust may cause mild respiratory irritation.
- Chronic (Delayed)**
  - No data available.

### Skin

- Acute (Immediate)**
  - Exposure to dust may cause mechanical irritation.
- Chronic (Delayed)**
  - No data available.

### Eye

- Acute (Immediate)**
  - Exposure to dust may cause mechanical irritation.
- Chronic (Delayed)**
  - No data available

### Ingestion

- Acute (Immediate)**
  - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
  - No data available

### Carcinogenic Effects

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

### Reproductive Effects

- No data available.

## Section 12 - Ecological Information

### Toxicity

**Aquatic Toxicity-Fish:** 96 Hour(s) LC50 *Rainbow Trout* 13.8 mg/L Comments: Results for Chlorantraniliprole  
 96 Hour(s) EC50 *Bluegill sunfish* 15.1 mg/L Comments: Results for Chlorantraniliprole  
**Aquatic Toxicity-Crustacea:** 48 Hour(s) EC50 Water Flea 0.0116 mg/L Comments: Results for Chlorantraniliprole  
**Aquatic Toxicity-Algae and Other Aquatic Plant(s):** 72 Hour(s) EC50 Algae 2 mg/L Comments: Results for Chlorantraniliprole  
**Terrestrial Toxicity-Insects/Spiders:** 48 Hour(s) LC50 Honeybee >4 µg/bee Comments: Results for Chlorantraniliprole

### Persistence and degradability

- No data available

### Bioaccumulative potential

- No data available

### Mobility in Soil

- No data available

### Other adverse effects

#### Potential Environmental Effects

- Highly toxic to aquatic invertebrates, oysters and shrimp.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Completely empty bag into application equipment, dispose of empty bag in sanitary landfill or by incineration. Do not breathe smoke if burned. Do not reuse or refill this container. Nonrefillable container.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available

**Other information**

**IMO/IMDG** • No data available

**IATA/ICAO** • No data available

## Section 15 - Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications** • Acute, Chronic

**FIFRA – Pesticide Labeling**

### CAUTION

**Precautionary Statements** •

**Hazards to Humans and Domestic Animals** • HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco.

Personal Protective Equipment (PPE) Applicators and other handlers must wear: long-sleeve shirt and long pants, socks and shoes. After the product has been loaded into properly calibrated application equipment, shirt, pants, socks and shoes are sufficient personal protective equipment. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.

**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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

**Environmental Hazards** • ENVIRONMENTAL HAZARDS This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites. Surface Water Advisory: This product may contaminate water through runoff. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water table are more prone to produce runoff that contains this product. A level, wellmaintained 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 for contamination of water from runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Ground Water Advisory: 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.

Inventory		
Component	CAS	TSCA
Chlorantranilprole (Acelepryn)	500008-45-7	No
Silica, crystalline - quartz	14808-60-7	Yes

## Section 16 - Other Information

Revision Summary		
Revision Date	MSDS Number	Changes
16/September/2015		<ul style="list-style-type: none"> <li>Section 3 changed. Changes include: revised Acelepryn percentage.</li> <li>Section 14 changed. Changes include: revised transportation classifications.</li> </ul>

- Revision Date**
  - 16/September/2015
- Last Revision Date**
  - 10/June/2014
- Preparation Date**
  - 09/June/2014
- Disclaimer/Statement of Liability**
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