



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

##### Product Name

- **ClariFly® Add-Pack Fly Control**

##### Synonyms

- 100518352; 100518353; CG-2013-MP; EPA Reg. No. 89459-1

##### Product Description

- Fine white granular solid.

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

##### Recommended use

- Prevents the development of flies.

##### Restrictions on use

- Do not use or store near heat or open flame. Avoid release to the environment. Keep out of the reach of children.

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

##### Manufacturer

- Central Garden and Pet Company  
1501 E. Woodfield Road, Suite 200W  
Schaumburg, IL 60173  
United States  
www.centralflycontrol.com

#### Emergency telephone number

##### Manufacturer

- 1-800-347-8272

##### Manufacturer (Transportation)

- 1-800-424-9300 - CHEMTREC

##### Manufacturer (Transportation)

- 1-703-527-3887 - CHEMTREC - Outside US 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

- Combustible Dust

#### Label elements

##### OSHA HCS 2012

#### WARNING

- Hazard statements** • May form combustible dust concentrations in air.

#### Precautionary statements

- Storage/Disposal** • Refer to Section 13 - Disposal Considerations

#### Other hazards

##### OSHA HCS 2012

- This pesticide is toxic to aquatic invertebrates.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance.

### Mixtures

Composition		
Chemical Name	Identifiers	%
Diflubenzuron	CAS:35367-38-5	0.16%
Whey	CAS:92129-90-3	> 99%

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- Call a physician if symptoms persist. IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.

#### Skin

- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

#### Eye

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- If swallowed: call a poison center or doctor if you feel unwell. Rinse mouth.

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

- Repeated and prolonged exposure may cause methemoglobinemia. Refer to Section 11 - Toxicological Information.

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

#### Notes to Physician

- Treat symptomatically and supportively.

#### Other information

- None specified.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • Use water, foam, carbon dioxide, or dry chemical.

**Unsuitable Extinguishing Media** • Avoid heavy hose streams.

#### Firefighting Procedures

- Do not allow fire fighting water to escape into waterways or sewers. Combustible dust - use low-pressure medium fog streams to avoid dust clouds. Eliminate ignition sources. Move containers from fire area if you can do it without risk. Stay upwind.  
LARGE FIRES: Dike fire control water for later disposal; do not scatter the material.

### Special hazards arising from the substance or mixture

#### Unusual Fire and Explosion Hazards

- Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Hazardous Combustion Products**

- Oxides of carbon and nitrogen.

**Advice for firefighters**

- Do not allow run-off to enter waterways.  
Wear positive pressure self-contained breathing apparatus (SCBA).

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

- Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Avoid dust formation and breathing dust.

**Emergency Procedures**

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Contain spill and monitor for excessive dust accumulation. Turn off electric power to area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

**Environmental precautions**

- Avoid run off to waterways and sewers.

**Methods and material for containment and cleaning up****Containment/Clean-up Measures**

- Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Sweep or scoop up spills, dispose of any unusable material in approved landfill. Non-sparking tools should be used.

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

- Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

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

- Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources. Keep out of reach of children.

**Incompatible Materials or Ignition Sources**

- Strong acids, oxidizing agents and caustics.

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

- No data available.

**Exposure controls****Engineering Measures/Controls**

- Use adequate ventilation to remove vapors (fumes, dust etc)

**Personal Protective Equipment****Pictograms**

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**Respiratory**

- If airborne dust is present, use appropriate respiratory protection.

**Eye/Face**

- If prolonged exposure is anticipated, it is recommended for handles to wear goggles.

**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**

- Refer to Section 13 - Disposal Considerations.

**Section 9 - Physical and Chemical Properties****Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	Fine, granular solid.
Color	White	Odor	Moderate chalk-like.
Particulate Type	No data available	Odor Threshold	No data available
Physical and Chemical Properties	No data available		
<b>General Properties</b>			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	No data available	Density	No data available
Bulk Density	0.77 g/cm <sup>3</sup>	Water Solubility	No data available
Viscosity	Not relevant		
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
<b>Flammability</b>			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	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**

- This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

**Chemical stability**

- Stable under normal temperatures and pressures.

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur. May form combustible dust concentrations in the air.

**Conditions to avoid**

- Heat, sparks, open flame.

**Incompatible materials**

- Strong acids, strong bases, and oxidizing agents.

**Hazardous decomposition products**

- No data available.

## Section 11 - Toxicological Information

### Information on toxicological effects

Components		
Diflubenzuron (0.16%)	35367-38-5	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >4.64 g/kg; Inhalation-Rat LC50 • >2.49 g/m <sup>3</sup> ; Skin-Rabbit LD50 • 2 g/kg

GHS Properties	Classification
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 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
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
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met

### Potential Health Effects

#### Inhalation

##### Acute (Immediate)

- Exposure to dust may cause irritation.

##### Chronic (Delayed)

- Repeated and prolonged exposure to active ingredient may cause methemoglobinemia.

#### Skin

##### Acute (Immediate)

- No data available.

##### Chronic (Delayed)

- Repeated and prolonged exposure to active ingredient may cause methemoglobinemia.

#### Eye

##### Acute (Immediate)

- No data available.

##### Chronic (Delayed)

- No data available.

#### Ingestion

##### Acute (Immediate)

- No data available.

##### Chronic (Delayed)

- Repeated and prolonged exposure to active ingredient may cause methemoglobinemia.

#### Other

##### Chronic (Delayed)

- No data available.

## Section 12 - Ecological Information

### Toxicity

Component	CAS	Data
Diflubenzuron (0.16%)	35367-38-5	<b>Crustacea:</b> NOEC Crustacea 0.000045 mg/L [Chronic]; 96 Hour(s) LC50 Crustacea 0.002 mg/L [Acute]; 48 Hour(s) LC50 Water Flea 0.0037 mg/L [Acute]; NOEC Water Flea 0.00004 mg/L [Chronic]; <b>Fish:</b> 96 Hour(s) LC50 Fish 140 mg/L [Acute]; 96 Hour(s) LC50 Fish 135 mg/L [Acute]; NOEC Fish 0.1 mg/L [Chronic]

### Persistence and degradability

- No data available.

### Bioaccumulative potential

- No data available.

### Mobility in Soil

- No data available.

### Other adverse effects

#### Potential Environmental Effects

- This pesticide is toxic to aquatic invertebrates.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product waste

- Do not contaminate water when disposing of equipment washwaters or rinsate. 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.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	None	Consumer commodity	ORM-D	N/A	N/A
	UN3077	Environmentally Hazardous Substance, Solid, N.O.S. (contains Diflubenzuron)	9	III	Marine Pollutant
IMO/IMDG	UN3077	Environmentally Hazardous Substance, Solid, N.O.S. (contains Diflubenzuron)	9	III	Marine Pollutant
IATA/ICAO	UN3077	Environmentally Hazardous Substance, Solid, N.O.S. (contains Diflubenzuron)	9	III	Acute Aquatic Toxicity

#### 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 • Limited quantity 5kg, excepted quantity 30g.

IATA/ICAO • Limited quantity 5kg, excepted quantity 30g.

## Section 15 - Regulatory Information

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

**SARA Hazard Classifications** • Chronic, SARA Title III Section 313

## FIFRA – Pesticide Labeling

This material 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.

### CAUTION

**Precautionary Statements** • KEEP OUT OF THE REACH OF CHILDREN.

**Hazards to Humans and Domestic Animals** • HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT:** Wear long-sleeved shirt and long pants, shoes plus socks, and chemical resistant gloves (such as or made out of any waterproof material, Selection Category A). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**First Aid** • 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.

**Environmental Hazards** • This pesticide is toxic to aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate.

Inventory		
Component	CAS	TSCA
Diflubenzuron	35367-38-5	Yes
Whey	92129-90-3	No

## United States

### Environment

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Whey	92129-90-3	Not Listed
• Diflubenzuron	35367-38-5	1.0 % de minimis concentration

## Section 16 - Other Information

**Last Revision Date** • 18/March/2015

**Preparation Date** • 10/April/2014

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