



Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

- Product Name** • Farnam® SimpliFly® Feed-Thru Fly Control; Farnam® Equitrol® II Feed-Thru Fly Control
- Synonyms** • EPA Reg. No. 270-382
• 100515881 SimpliFly-3.75LB; 100515883 SimpliFly-10LB; 100515884 SimpliFly-20LB; 100515885 SimpliFly-50LB 100515886 Equitrol II-3.75LB; 100515887 Equitrol II-10LB; 100515888 Equitrol II-20LB

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

- Relevant identified use(s)** • Pesticide Feed-Thru Fly Control
- Use(s) advised against** • Do not use on horses intended for slaughter.

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • Farnam Companies, Inc.
P.O. Box 34820
Phoenix, AZ 85067-4820
United States
www.farnam.com
- Supplier** • Central Garden and Pet
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States
www.central.com

1.4 Emergency telephone number

- Manufacturer** • 1-800-424-9300 - CHEMTREC
- Manufacturer** • 1-888-914-2082

Section 2: Hazards Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Combustible Dust

2.2 Label elements

OSHA HCS 2012

WARNING

Hazard statements • May form combustible dust concentrations in air.

2.3 Other hazards

OSHA HCS 2012 • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

3.1 Substances

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

3.2 Mixtures

Composition				
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive	Comments
Diflubenzuron	CAS:35367-38-5 EINECS:252-529-3	0.24%	OSHA HCS 2012: Acute Tox. Cat. 4 (dermal)	Active Ingredient
Proprietary	Proprietary	< 92%	OSHA HCS 2012: Combust. dust	Inert

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation** • Move victim to fresh air. Give artificial respiration if victim is not breathing. Call a physician if symptoms occur.
- Skin** • Wash the contaminated area of body with soap and fresh water. If irritation develops and persists, get medical 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. Get medical attention if symptoms occur.
- Ingestion** • Call a physician or poison control center. Drink two glasses of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- Excessive overexposure to active ingredient may cause shortness of breath, cyanosis, mental status changes, headache, fatigue, exercise intolerance, dizziness and loss of consciousness. Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Antidotes**
- There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • Water, CO2 or dry chemical.

Unsuitable Extinguishing Media • None known.

Firefighting Procedures

- Stay upwind.
- Keep unauthorized personnel away.
- Move containers from fire area if you can do it without risk.
- Dike far ahead of spill to collect runoff water.
- Remove contaminated clothing and wash clothing before reuse Flush the contaminated area of body with large amounts of water.

5.2 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 • None known.

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions • Stay upwind. Wear personal protective equipment/face protection.

Emergency Procedures • Stop leak if you can do it without risk. Ventilate closed spaces before entering.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Carefully shovel or sweep up spilled material and place in suitable container. This material and its container must be disposed of in a safe way.

6.4 Reference to other sections

- No data available

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Avoid contact with skin and eyes. Do not breathe (dust, vapor or spray mist) Do not take internally. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

- Storage**
- Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and pets.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

8.2 Exposure controls

- Engineering Measures/Controls**
- Local exhaust ventilation. Use adequate ventilation to remove vapors (fumes, dust etc)

Personal Protective Equipment

Pictograms



Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear dust goggles.

Skin/Body

- None specified.

Environmental Exposure Controls

- Refer to Section 13 - Disposal Considerations.

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Green Pellets.
Color	Green	Odor	Alfalfa odor.
Taste	No data available	Physical and Chemical Properties	Pellets
General Properties			
Melting Point	No data available	Decomposition Temperature	No data available
Heat of Decomposition	No data available	Specific Gravity/Relative Density	No data available
Density	No data available	Bulk Density	39 to 45 lb(s)/ft³
Water Solubility	No data available	Solvent Solubility	No data available
Viscosity	No data available	Explosive Properties	No data available
Oxidizing Properties:	No data available		
Environmental			
Half-Life	2 Day(s)	Octanol/Water Partition coefficient	No data available
Bioconcentration Factor	> 100		

9.2 Other Information

- No data available

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- No data available

10.4 Conditions to avoid

- Keep away from fire. Keep from direct sunlight.

10.5 Incompatible materials

- None known.

10.6 Hazardous decomposition products

- No data available

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Farnam® SimpliFly® Feed-Thru Fly Control; Farnam® Equitrol® II Feed-Thru Fly Control								
Test Type	Dosage	Route	Species	Duration	Results	Test Class	Target Organs	Comments
Acute Toxicity		Skin	Guinea Pig	NDA	NDA	NDA	NDA	Not a skin sensitizer-Diflubenzuron
Acute Toxicity	> 5000 mg/kg	Ingestion/Oral	Rat	NDA	LD50	NDA	NDA	Diflubenzuron
Acute Toxicity	> 2000 mg/kg	Skin	Rabbit	NDA	LD50	NDA	NDA	Diflubenzuron
Irritation		Eye	Rabbit	NDA	NDA	Mild irritation	NDA	Diflubenzuron
Irritation		Skin	Rabbit	NDA	NDA	Essentially non-irritating	NDA	Diflubenzuron
GHS Properties				Classification				
Acute toxicity				OSHA HCS 2012•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				

Route(s) of entry/exposure	<ul style="list-style-type: none">• Ingestion, Inhalation, Eyes and Skin.
Medical Conditions Aggravated by Exposure	<ul style="list-style-type: none">• Pre-existing allergies.
Potential Health Effects	
Inhalation	
Acute (Immediate)	<ul style="list-style-type: none">• Exposure to dust may cause irritation.
Chronic (Delayed)	<ul style="list-style-type: none">• Repeated and prolonged exposure may cause flu-like symptoms: weakness, anorexia, and malaise.
Skin	
Acute (Immediate)	<ul style="list-style-type: none">• May cause irritation.
Chronic (Delayed)	<ul style="list-style-type: none">• No data available.
Eye	
Acute (Immediate)	<ul style="list-style-type: none">• May cause irritation.
Chronic (Delayed)	<ul style="list-style-type: none">• No data available.
Ingestion	
Acute (Immediate)	<ul style="list-style-type: none">• May be harmful.
Chronic (Delayed)	<ul style="list-style-type: none">• Repeated and prolonged exposure may cause flu-like symptoms: weakness, anorexia, and malaise.
Other	
Chronic (Delayed)	<ul style="list-style-type: none">• Repeated and prolonged exposure to active ingredient may cause methemoglobinemia.
Mutagenic Effects	<ul style="list-style-type: none">• Negative
Carcinogenic Effects	<ul style="list-style-type: none">• The active ingredient(s) is not listed as a carcinogen by OSHA, IARC, or NTP.
Reproductive Effects	<ul style="list-style-type: none">• Negative

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 Results of PBT and vPvB assessment

- Negative

12.6 Other adverse effects

Potential Environmental Effects	<ul style="list-style-type: none">• This pesticide is toxic to fish.
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12.7 Other Information

- No data available.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

- Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste** • Send to a licensed recycler, reclaimer or incinerator. Do not reuse empty cartridge [vial][tube]. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (diflubenzuron)	9	III	Marine Pollutant
IMO/IMDG	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (diflubenzuron)	9	III	Marine Pollutant
IATA/ICAO	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (diflubenzuron)	9,Marine	III	Acute Aquatic Toxicity

14.6 Special precautions for user • This pesticide is toxic to fish.

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

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Not classified

State Right To Know					
Component	CAS	MA	NJ	PA	
Diflubenzuron	35367-38-5	Yes	Yes	No	
Proprietary	NDA	No	No	No	

Inventory		
Component	CAS	TSCA
Diflubenzuron	35367-38-5	Yes
Proprietary	NDA	No

United States

Environment

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

- Diflubenzuron 35367-38-5 1.0 % de minimis concentration

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

- Diflubenzuron 35367-38-5 Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

- Diflubenzuron 35367-38-5 Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

- Diflubenzuron 35367-38-5 Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

- Diflubenzuron 35367-38-5 Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

- Diflubenzuron 35367-38-5 Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

- Diflubenzuron 35367-38-5 Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

- Diflubenzuron 35367-38-5 Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

- Diflubenzuron 35367-38-5 Not Listed

15.2 Chemical Safety Assessment

- No data available

Section 16 - Other Information

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