

SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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Prozap® Dy-Fly® Aerosol Insecticide

Revision 3
Revision date 2019-08-20

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Prozap® Dy-Fly® Aerosol Insecticide
Product code	0690010, 0693510

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

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC8] Biocidal products (e.g. Disinfectants, pest control);
Description	Aerosol insecticide. For indoor use only.

1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

1.4. Emergency telephone number

	24 hours: Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international) Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)
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Further information

Manufactured By:	Chem-Tech Ltd. 1006 Business Highway 5 Pleasantville, IA 50225 U.S.A. Chem-Tech Ltd. is a wholly-owned subsidiary of Neogen Corporation.
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Aerosols 2: H223; Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 2: H373; Aquatic Chronic 2: H411;
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2.2. Label elements

Hazard pictograms	
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2.2. Label elements

Signal Word	Warning
Hazard Statement	Aerosols 2: H223 - Flammable aerosol. Flam. Liq. 3: H226 - Flammable liquid and vapour. STOT SE 3: H336 - May cause drowsiness or dizziness. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P331 - Do NOT induce vomiting. P391 - Collect spillage.
Precautionary Statement: Storage	P410+P403 - Protect from sunlight. Store in a well-ventilated place.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations

2.3. Other hazards

Other hazards	None known.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Distillates (petroleum), hydrotreated light.		64742-47-8	265-149-8		90 - 100%	Flam. Liq. 4: H227; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 2: H373;
Piperonyl butoxide		51-03-6	200-076-7		1 - 10%	Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Pyrethrins (Pyrethrum)		8003-34-7			0 - 0.5%	Acute Tox. 4: H302+H312+H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

Description

	Concentrations listed are not product specifications.
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Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing stops, provide artificial respiration. If breathing is difficult give oxygen. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.

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4.1. Description of first aid measures

Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do not give any liquid to the patient. Do not administer anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor.
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4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause dizziness and headache. May cause irritation to respiratory system.
Eye contact	May cause eye irritation.
Skin contact	May cause irritation to skin. May cause allergic reactions in susceptible people. For skin effects, a highly efficient therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).
Ingestion	Potential for aspiration if swallowed. Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

	Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
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Further information

	Refer to product label for FIFRA-required First Aid directions.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Caution: Use of water spray when fighting fire may be inefficient.
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5.2. Special hazards arising from the substance or mixture

	Aerosol. Heat will increase pressure in sealed containers. Fire will produce dense black smoke.
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5.3. Advice for firefighters

	In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material.
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6.2. Environmental precautions

	Insoluble in water. Do not flush into surface water. Do not let product contaminate subsoil.
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6.3. Methods and material for containment and cleaning up

	Absorb spillage to prevent material damage. Clean with detergents. Avoid solvents. Dispose of this material and its container to hazardous or special waste collection point.
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6.4. Reference to other sections

	See Section(s) 2, 8, and 13 for further information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. All handlers
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7.1. Precautions for safe handling

	(including applicators) must wear long-sleeved shirt and long pants, and shoes plus socks. Wear suitable gloves. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep away from food, drink and animal feed and/ or feed products. Keep away from sources of ignition - No smoking. Contact with combustible material may cause fire. Heat will increase pressure in sealed containers. Keep only in the original container in a cool, well-ventilated place away from children and pets.
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7.3. Specific end use(s)

	See Section(s) 1.2 for further information.
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Further information

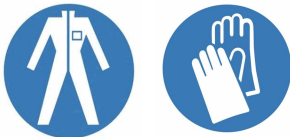
	Refer to product label for FIFRA-required Storage and Disposal directions.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	No data is available on this product.
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8.2. Exposure controls

	
Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing. Use appropriate personal protective equipment.
Eye / face protection	Use as appropriate: Suitable eye protection.
Skin protection - Hand protection	Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.

Further information

	Refer to product label for additional PPE requirements and recommendations. Follow label instructions.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Aerosol
Color	Clear/Yellow
Odor	Characteristic
Odor threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	60 °C
Evaporation rate	No data available
Flammability limits	Not applicable.
Vapor pressure	No data available
Vapor density	0.86
Relative density	0.86
Partition coefficient	No data available
Autoignition temperature	220 °C
Viscosity	No data available
Oxidizing properties	No data available
Solubility	Insoluble in water

9.2. Other information

VOC (Volatile organic compounds)	No data available
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Further information

	Flame extension: 17in.
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SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
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10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Keep in a cool place away from children and pets.
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10.5. Incompatible materials

	Contact with combustible material may cause fire. Strong oxidizing agents.
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10.6. Hazardous decomposition products

	Carbon oxides.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitization	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-123. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause dizziness and headache.
STOT-repeated exposure	May cause damage to human organs based on animal data. Liver.
Aspiration hazard	Potential for aspiration if swallowed.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	No data available.
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Partition coefficient

	Prozap® Dy-Fly® Aerosol Insecticide No data available
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12.6. Other adverse effects

	This product is extremely toxic to aquatic organisms, including fish and invertebrates.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Do not burn or incinerate. Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations.
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Disposal of packaging

	Nonrefillable container. Do not reuse or refill this container. If empty: Do not reuse this container. 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.
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Further information

Refer to product label for FIFRA-required Storage and Disposal directions.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

DOT	2
Subsidiary risk	see SP63
IMDG	2
Subsidiary risk	see SP63
IATA	2
Subsidiary risk	see SP63

14.4. Packing group

Packing group -

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

DOT

Hazard ID	-
Tunnel Category	(D)

IMDG

EmS Code	F-D S-U
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IATA

Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg

SECTION 15: Regulatory information

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

Regulations	Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Inventories/Right-to-Know Lists:	<p>Toxic Substances Control Act (TSCA): All ingredients listed or exempt.</p> <p>Massachusetts Right-to-Know Hazardous Substance List: Permethrin, Piperonyl butoxide. New Jersey Worker and Community Right to Know Act: Permethrin, Piperonyl butoxide. Pennsylvania Right to Know Law: This material contains no reportable components. Rhode Island Right-to-Know General Law: This material contains no reportable components.</p>
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Further information

FIFRA	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 Signal Word	CAUTION.
FIFRA Warning	Hazards to humans and domestic animals. Harmful if absorbed through the skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SECTION 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <p>2 - 2.1.2. Classification - GHS. 2 - Hazard pictograms. 2 - Signal Word.</p>
Text of Hazard Statements in Section 3	<p>Flam. Liq. 4: H227 - Combustible liquid. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled</p>