

## SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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### Prozap® Dy-Fly® Aerosol Insecticide

Revision 1  
Revision date 2018-10-04

#### 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 | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC8] Biocidal products (e.g. Disinfectants, pest control); |
| Description | Aerosol insecticide.  |

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

|           |  |
|-----------|--|
| Company   | Neogen Corporation                           |
| Address   | 620 Leshner Place<br>Lansing MI 48912<br>USA |
| Web       | www.neogen.com                               |
| Telephone | 517-372-9200/800-234-5333                    |
| Email     | regulatorysupport@neogen.com                 |

##### 1.4. Emergency telephone number

|                            |                |
|----------------------------|----------------|
| Emergency telephone number | 1-800-234-5333 |
|----------------------------|----------------|

##### Further information

|                  |   |
|------------------|---|
| Manufactured By: | Chem-Tech Ltd.<br>1006 Business Highway 5<br>Pleasantville, IA 50225 U.S.A.   |
| Hotline(s):      | Chem-Tech Ltd. is a wholly-owned subsidiary of Neogen Corporation.<br>Medical: United States (1-800-498-5743), International (1-651-523-0318).<br>Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887). |

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

|                             |  |
|-----------------------------|--|
| 2.1.2. Classification - GHS | Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 2: H411; |
|-----------------------------|--|

##### 2.2. Label elements

##### Hazard pictograms



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## 2.2. Label elements

|  |  |
|--|--|
| <b>Signal Word</b>                         | Danger   |
| <b>Hazard Statement</b>                    | Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.<br>STOT SE 3: H336 - May cause drowsiness or dizziness.<br>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  |
| <b>Precautionary Statement: Prevention</b> | P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P273 - Avoid release to the environment.   |
| <b>Precautionary Statement: Response</b>   | P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/ .<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P312 - Call a POISON CENTER/doctor/ /if you feel unwell.<br>P331 - Do NOT induce vomiting.<br>P391 - Collect spillage. |
| <b>Precautionary Statement: Storage</b>    | P403+P233 - Store in a well-ventilated place. Keep container tightly closed.<br>P405 - Store locked up.  |
| <b>Precautionary Statement: Disposal</b>   | P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.   |

## 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 |           |                           | 90 - 100%    | Asp. Tox. 1: H304; STOT SE 3: H336;  |
| Piperonyl butoxide                           |           | 51-03-6    | 200-076-7 |                           | 1 - 10%      | Aquatic Acute 1: H400;<br>Aquatic Chronic 1: H410;                               |
| Pyrethrins (Pyrethrum)                       |           | 8003-34-7  |           |                           | 0 - 0.5%     | Acute Tox. 4:<br>H302+H312+H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; |

#### Further information

The exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Move the exposed person to fresh air. If breathing stops, provide artificial respiration. If breathing is difficult give oxygen. |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. Contact lenses should be removed.  |
| <b>Skin contact</b> | Wash with soap and water.  |
| <b>Ingestion</b>    | If swallowed, seek medical advice immediately and show this container or label.  |

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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. |
| <b>Eye contact</b>  | May cause eye irritation.   |
| <b>Skin contact</b> | May cause irritation to skin.   |
| <b>Ingestion</b>    | Ingestion may cause nausea and vomiting.  |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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## 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

## 5.2. Special hazards arising from the substance or mixture

Aerosol. Heat will increase pressure in sealed containers.

## 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Wear suitable gloves and eye/face protection.

### 6.2. Environmental precautions

Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water.

### 6.3. Methods and material for containment and cleaning up

Absorb spillage to prevent material damage. Clean with detergents. Avoid solvents.

### 6.4. Reference to other sections

See section 2, 8, and 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from sources of ignition - No smoking. Contact with combustible material may cause fire. Heat will increase pressure in sealed containers. Avoid contamination of food or feedstuffs.

### 7.3. Specific end use(s)

See section 1.2 for further information.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure controls.

### 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: Safety glasses.

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## 8.2. Exposure controls

|                                   |   |
|-----------------------------------|---|
| Skin protection - Hand protection | Use as appropriate: Chemical resistant gloves.  |
| Respiratory protection            | Do not breathe gas/fumes/vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. |

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|                          |                                     |
|--------------------------|-------------------------------------|
| State                    | Aerosol                             |
| Color                    | Clear/Yellow                        |
| Odor                     | Characteristic                      |
| Odour 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              | > 200 °C                            |
| Evaporation rate         | No data available                   |
| Flammability limits      | aerosol under pressure              |
| Upper Explosive Limit    | 16.9 %                              |
| Lower Explosive Limit    | 3.9 %                               |
| Vapor pressure           | No data available                   |
| Vapor density            | 0.86 g/cm <sup>3</sup>              |
| Relative density         | 0.86 (H <sub>2</sub> O = 1 @ 20 °C) |
| Partition coefficient    | No data available                   |
| Autoignition temperature | No data available                   |
| Viscosity                | No data available                   |
| Oxidising properties     | No data available                   |
| Solubility               | Insoluble in water                  |

## 9.2. Other information

|                                  |                   |
|----------------------------------|-------------------|
| VOC (Volatile organic compounds) | No data available |
|----------------------------------|-------------------|

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.3. Possibility of hazardous reactions

|  |  |
|--|--|
|  | Avoid contact with: Combustible materials. |
|--|--|

## 10.4. Conditions to avoid

|  |   |
|--|---|
|  | Avoid sparks, flames, heat and sources of ignition. |
|--|---|

## 10.5. Incompatible materials

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 10.6. Hazardous decomposition products

|  |  |
|--|--|
|  |  |
|--|--|

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## 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

|                                   |  |
|-----------------------------------|--|
| Acute toxicity                    | No Significant Hazard.   |
| Skin corrosion/irritation         | May cause irritation to skin.  |
| Serious eye damage/irritation     | May cause irritation to eyes.  |
| Respiratory or skin sensitisation | May cause allergic reactions in susceptible people.  |
| Carcinogenicity                   | Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.<br>Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.<br>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.   |
| Aspiration hazard                 | Potential for aspiration if swallowed.   |
| Repeated or prolonged exposure    | Avoid prolonged or repeated exposure.  |

## 11.1.4. Toxicological information

No data available

## 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.

## Partition coefficient

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No data available

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations. Do not burn or incinerate. Follow label instructions.

## SECTION 14: Transport information

## Hazard pictograms



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|   |          |
|---|----------|
| <b>14.1. UN number</b>                  |          |
|   | UN1950   |
| <b>14.2. UN proper shipping name</b>    |          |
|   | AEROSOLS |
| <b>14.3. Transport hazard class(es)</b> |          |
| DOT                                     | 2        |
| Subsidiary risk                         | see SP63 |
| IMDG                                    | 2        |
| Subsidiary risk                         | see SP63 |
| IATA                                    | 2        |
| Subsidiary risk                         | see SP63 |
| <b>14.4. Packing group</b>              |          |
| Packing group                           | -        |
| <b>14.5. Environmental hazards</b>      |          |
| Environmental hazards                   | No       |
| Marine pollutant                        | No       |
| <b>DOT</b>                              |          |
| Hazard ID                               | -        |
| Tunnel Category                         | (D)      |
| <b>IMDG</b>                             |          |
| EmS Code                                | F-D S-U  |
| <b>IATA</b>                             |          |
| 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**

|                    |  |
|--------------------|--|
| <b>Regulations</b> | <p>Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.</p> <p>All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.</p> <p>US State Regulations:<br/>New Jersey Right-to-Know Hazardous Substance List:<br/>Pyrethrins, Piperonyl butoxide</p> <p>Pennsylvania Right-to-Know Hazardous Substance List:<br/>Pyrethrins, Piperonyl butoxide.</p> <p>Rhode Island Right-to-Know Hazardous Substance List: Pyrethrins, Piperonyl butoxide.</p> |
|--------------------|--|

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## Further information

|                          |  |
|--------------------------|--|
| <b>FIFRA</b>             | 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. |
| <b>FIFRA Signal Word</b> | CAUTION.   |
| <b>FIFRA Warning</b>     | 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

|   |  |
|---|--|
|   | <p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p> |
| <b>Revision</b>                               | <p>This document differs from the previous version in the following areas:.</p> <p>6 - 6.1. Personal precautions, protective equipment and emergency procedures.</p> <p>10 - 10.5. Incompatible materials.</p>   |
| <b>Text of Hazard Statements in Section 3</b> | <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> <p>Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled</p>  |