

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Prozap® Fly-Die Ultra  
Product code : 1887530

#### 1.2. Other means of identification

Part Number(s) : 1887530

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Insecticide

#### 1.4. Supplier's details

##### Supplier

Neogen Corporation  
620 Leshler Place  
Lansing, Michigan 48912  
United States of America  
T 800.234.5333  
[sds@neogen.com](mailto:sds@neogen.com) - <https://www.neogen.com/>

##### Manufacturer

Chem-Tech, Ltd., a Neogen Company  
1006 Business Highway 5  
Pleasantville, Iowa 50225  
U.S.A.

#### 1.5. Emergency phone number

Emergency 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)

### SECTION 2 Hazard Identification

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

##### GHS US classification

Skin sensitization, Category 1 H317 May cause an allergic skin reaction.  
Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning  
Hazard statements (GHS US) : H317 - May cause an allergic skin reaction  
Precautionary statements (GHS US) : P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
P302+P352 - If on skin: Wash with plenty of water.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

Other hazards which do not result in classification : Read the entire label and follow all use directions, restrictions, and precautions.

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name       | Product identifier  | %         | GHS US classification   |
|------------|---------------------|-----------|---|
| Permethrin | CAS-No.: 52645-53-1 | 0.1 – 0.5 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Inhalation:dust,mist), H332<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=1000)<br>Aquatic Chronic 1, H410 (M=1000) |

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Refer to product label and/or package insert for additional information. Follow label instructions.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.  
Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : May cause an allergic skin reaction.  
Symptoms/effects after eye contact : None under normal conditions.  
Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6 Accidental release measures

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

##### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.  
Environmental precautions : Avoid release to the environment.

#### 6.2. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Refer to product label and/or package insert for additional information. Follow label instructions. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

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

|                     |   |
|---------------------|---|
| Technical measures  | : Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions  | : Keep cool. Protect from sunlight.   |
| Packaging materials | : Store always product in container of same material as original container. |

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Environmental exposure controls  | : Avoid release to the environment.            |

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

|  |
|--|
| <b>Hand protection:</b>  |
| Protective gloves  |
| <b>Eye protection:</b>   |
| Safety glasses   |
| <b>Skin and body protection:</b>   |
| Wear suitable protective clothing  |
| <b>Respiratory protection:</b>   |
| In case of insufficient ventilation, wear suitable respiratory equipment |

#### Personal protective equipment symbol(s):



#### Other information:

Refer to product label for additional PPE requirements and recommendations. Follow label instructions.

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                           |                     |
|---------------------------|---------------------|
| Physical state            | : Liquid            |
| Color                     | : Clear             |
| Odor                      | : Characteristic    |
| Odor threshold            | : No data available |
| pH                        | : 6.24              |
| Melting point             | : Not applicable    |
| Freezing point            | : No data available |
| Boiling point             | : No data available |
| Flash point               | : > 200 °F          |
| Flammability (solid, gas) | : Not applicable.   |

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

|   |                     |
|---|---------------------|
| Vapor pressure                                  | : No data available |
| Relative vapor density at 20°C                  | : No data available |
| Relative density                                | : No data available |
| Density   | : 1 g/ml            |
| Solubility                                      | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Viscosity, kinematic                            | : No data available |
| Explosion limits                                | : No data available |
| Particle characteristics                        | : No data available |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

|                                   |  |
|-----------------------------------|--|
| Acute toxicity (oral)             | : Not classified                       |
| Acute toxicity (dermal)           | : Not classified                       |
| Acute toxicity (inhalation)       | : Not classified                       |
| Skin corrosion/irritation         | : Not classified<br>pH: 6.24           |
| Serious eye damage/irritation     | : Not classified<br>pH: 6.24           |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : Not classified                       |
| Carcinogenicity                   | : Not classified                       |

#### Permethrin (52645-53-1)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

|                                     |  |
|-------------------------------------|--|
| Reproductive toxicity               | : Not classified                       |
| STOT-single exposure                | : Not classified                       |
| STOT-repeated exposure              | : Not classified                       |
| Aspiration hazard                   | : Not classified                       |
| Symptoms/effects after inhalation   | : None under normal conditions.        |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : None under normal conditions.        |
| Symptoms/effects after ingestion    | : None under normal conditions.        |

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

|   |  |
|---|--|
| Ecology - general   | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified.  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified.  |

| Permethrin (52645-53-1) |   |
|-------------------------|---|
| LC50 - Fish [1]         | 0.0025 mg/l (96 h, <i>Salmo gairdneri</i> , Literature study) |
| EC50 - Crustacea [1]    | 0.00043 mg/l (48 h, <i>Daphnia magna</i> , Literature study)  |
| ErC50 algae             | 2.3 µg/l  |
| NOEC chronic fish       | 0.41 µg/l   |
| NOEC chronic crustacea  | 0.000011 mg/l   |

### 12.2. Persistence and degradability

| Prozap® Fly-Die Ultra         |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

  

| Permethrin (52645-53-1)       |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| Permethrin (52645-53-1)                         |   |
|---|---|
| BCF - Fish [1]                                  | 560 ( <i>Salmo gairdneri</i> , Literature study)  |
| Partition coefficient n-octanol/water (Log Pow) | 3.48 – 6.5 (Literature study)                     |
| Bioaccumulative potential                       | High potential for bioaccumulation (Log Kow > 5). |

### 12.4. Mobility in soil

| Permethrin (52645-53-1)                                    |                            |
|--|----------------------------|
| Mobility in soil   | 10471 – 86000 Source: HSDB |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | > 4.59242105               |
| Ecology - soil   | Toxic to bees.             |

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### 12.5. Other adverse effects

|                              |   |
|------------------------------|---|
| Ozone                        | : Not classified  |
| Fluorinated greenhouse gases | : No  |
| Other information            | : This pesticide is toxic to aquatic organisms, including fish and invertebrates. |

### SECTION 13 Disposal considerations

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

### SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                                     | TDG           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |               |
| Not regulated for transport             |               |               |               |
| <b>14.2. Proper Shipping Name</b>       |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

**DOT**  
Not regulated

**TDG**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### SECTION 15 Regulatory information

#### 15.1. Federal regulations

All components of this product are exempt or present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S

|                                   |                    |        |
|-----------------------------------|--------------------|--------|
| 2-Methyl-5-chloro-3-isothiazolone | CAS-No. 26172-55-4 | < 0.1% |
|-----------------------------------|--------------------|--------|

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### Pyrethrins (8003-34-7)

|           |      |
|-----------|------|
| CERCLA RQ | 1 lb |
|-----------|------|

#### FIFRA Labelling

|                         |           |
|-------------------------|-----------|
| EPA Registration Number | 47000-188 |
|-------------------------|-----------|

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

|                   |         |
|-------------------|---------|
| FIFRA Signal Word | Caution |
|-------------------|---------|

|                               |   |
|-------------------------------|---|
| FIFRA Precautionary Statement | Keep out of reach of children. Hazards to humans and domestic animals. Harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear protective clothing. Wear protective gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Take off contaminated clothing and wash before reuse. |
|-------------------------------|---|

#### 15.2. International regulations

No additional information available

#### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 10/23/2025

Issue date : 1/7/2025

#### Full text of hazard classes and H-statements

|      |                                     |
|------|-------------------------------------|
| H302 | Harmful if swallowed                |
| H317 | May cause an allergic skin reaction |
| H332 | Harmful if inhaled                  |
| H400 | Very toxic to aquatic life          |

# Prozap® Fly-Die Ultra

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

| Full text of hazard classes and H-statements |  |
|--|--|
| H410   | Very toxic to aquatic life with long lasting effects |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.