



SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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Prozap® Insectrin® X Concentrate

Revision 0
Revision date 2018-11-05

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

1.1. Product identifier

Product name	Prozap® Insectrin® X Concentrate
Product code	1035010, 1037010, 1037510, 1038510

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	Liquid insecticide.

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	regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
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Further information

Manufactured By:	Chem-Tech Ltd. 1006 Business Highway 5 Pleasantville, IA 50225 U.S.A.
Hotline(s):	Chem-Tech Ltd. is a wholly-owned subsidiary of Neogen Corporation. Medical: United States (1-800-498-5743), International (1-651-523-0318). 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	Skin Sens. 1: H317; Eye Dam. 1: H318; Carc. 2: H351; Aquatic Acute 1: H400; Aquatic Chronic 2: H411;
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2.2. Label elements

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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. Carc. 2: H351 - Suspected of causing cancer . Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P391 - Collect spillage.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	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
Aromatic 150		64742-94-5			80 - 90%	Flam. Liq. 4: H227; Carc. 2: H351;
Permethrin (ISO)	613-058-00-2	52645-53-1	258-067-9		1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Sponto 300T					1 - 10%	Flam. Liq. 3: H226; Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 3: H402; Aquatic Chronic 2: H411;
Sponto 500T					1 - 10%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Eye Dam. 1: H318; Carc. 2: H351; Aquatic Acute 2: H401; Aquatic Chronic 2: H411;

Further information

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Further information

	The exact percentage (concentration) of composition has been withheld as a trade secret.
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. DO NOT DRINK WATER. Do not administer anything by mouth.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.
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5.3. Advice for firefighters

	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 water-proof material.
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6.2. Environmental precautions

	Insoluble in water. Do not flush into surface water. Do not empty into drains.
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6.3. Methods and material for containment and cleaning up

	Absorb spillage to prevent material damage. Clean area thoroughly with detergent.
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6.4. Reference to other sections

	See section 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. Ensure adequate ventilation of the working area. All handlers (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. Keep only in the original container in a cool, well-ventilated place away from children and pets.
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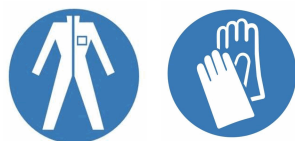
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7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls



Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Wear suitable protective clothing.

Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection - Hand protection

Wear: Chemical resistant gloves. Wash hands after handling the product.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Occupational exposure controls

Keep away from food, drink and animal feed and/ or feed products.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Color	Yellow
Odor	Aromatic
Flash point	62.8 °C
Evaporation rate	No data available
Flammability limits	Not applicable.
Vapor pressure	No data available
Vapor density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Odour threshold	No data available
pH	7
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Solubility	Slightly soluble in water

9.2. Other information

Bulk Density	0.8388 - 0.8987 g/cm ³
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

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10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Keep away from combustible material.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	May be harmful by ingestion, inhalation or if absorbed through the skin.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	Causes burns. Causes severe inflammation and may damage the cornea.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Carcinogenicity	Listed by the International Agency for Research on Cancer (IARC) as a Group 2 substance: suspected of being a human carcinogen. Listed in the National Toxicology Program (NTP) Report on Carcinogens as a known human carcinogen. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

SECTION 12: Ecological information

12.2. Persistence and degradability

Insoluble in water.

12.3. Bioaccumulative potential

No data available.

Partition coefficient

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No data available

12.6. Other adverse effects

Harmful to aquatic organisms. May cause long-term adverse effects in the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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13.1. Waste treatment methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Dispose of contents/container to an approved waste disposal facility. Follow label instructions.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S. (Permethrin)

14.3. Transport hazard class(es)

DOT	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group II

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

DOT

Hazard ID	80
Tunnel Category	(E)

IMDG

EmS Code F-A S-B

IATA

Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1 L

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

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.

US State Regulations:

New Jersey Right-to-Know Hazardous Substance List:

Permethrin, Naphthalene, Ethylene oxide

Pennsylvania Right-to-Know Hazardous Substance List:

Permethrin, Naphthalene, Ethylene oxide.

Rhode Island Right-to-Know Hazardous Substance List: Permethrin, Naphthalene, Ethylene oxide.

California Prop 65:

WARNING: Cancer - www.P65Warnings.ca.gov.

WARNING: Reproductive effects - www.P65Warnings.ca.gov.

Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Permethrin (ISO)	N	Y	Y 1.0	N	N	N	N	N	N

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	WARNING.
FIFRA Warning	Hazards to humans and domestic animals. Causes moderate eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if inhaled. Avoid breathing spray mist. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3	<p>Flam. Liq. 4: H227 - Combustible liquid.</p> <p>Carc. 2: H351 - Suspected of causing cancer .</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Acute Tox. 4: H332 - Harmful if inhaled.</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>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Aquatic Acute 3: H402 - Harmful to aquatic life.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p> <p>Aquatic Acute 2: H401 - Toxic to aquatic life.</p>
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Further information

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

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Further information

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.

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