



# SAFETY DATA SHEET

according to Hazardous Products Regulations (HPR)

Page 1/11

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

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

#### 1.1. Product identifier

Product name	Prozap® Armor-XP
Product code	203848045-CAN
Registration No.	31944 PCP Act.

#### 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. Not for use on humans.

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

Company	Neogen Corporation
Address	620 Leshar 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)
--	--

#### Further information

	Chem-Tech Ltd. 1006 Business Highway 5 Pleasantville, IA 50225 U.S.A.  Chem-Tech Ltd. is a wholly-owned subsidiary of Neogen Corporation.
--	---

### SECTION 2: Hazards identification

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


2.1.2. Classification - EC 1272/2008	Aerosols 2: H223; STOT SE 3: H336; STOT RE 2: H373; Aquatic Chronic 2: H411;
--------------------------------------	--

#### 2.2. Label elements

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Flam. Aerosol 2: H223 - Flammable aerosol. 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	P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Pressurized container: Do not pierce or burn, even after use. 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	P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P410+P412 - Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.
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	Contact with skin or other tissues may cause frostbite.
---------------	---

## 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	232-319-8		0 - 0.5%	Acute Tox. 4: H302+H312+H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

## Description

	Concentrations listed are not product specifications.
--	---

## Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
--	--

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops,
------------	--

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## 4.1. Description of first aid measures

Eye contact	provide artificial respiration. Seek medical attention if irritation or symptoms persist. Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Thaw frosted parts with lukewarm water. Do not rub affected area. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

## 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 irritation to eyes.
Skin contact	May cause irritation to skin. Contact with skin or other tissues may cause frostbite.
Ingestion	Ingestion may cause nausea and vomiting.

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

Ingestion	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. Vomiting may cause aspiration pneumonia.
-----------	--

## Further information

	Refer to product label and/or package insert for additional information.
--	--

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
--	---

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

	Flammable aerosol. Heat will increase pressure in sealed containers. Insoluble in water. Do NOT use water jet.
--	--

## 5.3. Advice for firefighters

	Flammable aerosol. Move containers away from fire if it can be done without risk. Fire will produce dense black smoke. In case of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus.
--	---

## SECTION 6: Accidental release measures

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

	Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure. In the event of a liquid spill, wear chemical protective equipment suitable for extremely low temperatures.
--	---

## 6.2. Environmental precautions

	Prevent further spillage if safe. Clean area thoroughly with detergent. Do not flush into surface water. Do not let product contaminate subsoil.
--	--

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

	Absorb spillage to prevent material damage. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.
--	---

## 6.4. Reference to other sections

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## 6.4. Reference to other sections

See Section(s) 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. Keep away from sources of ignition - No smoking. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Read the entire label and follow all use directions, restrictions, and precautions. Use as appropriate: Protective clothing.

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

Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions. Keep at temperature not exceeding 54°C. Keep away from sources of ignition - No smoking.

## 7.3. Specific end use(s)

See Section(s) 1.2 for further information.

## Further information

Refer to product label and/or package insert for additional information.

**SECTION 8: Exposure controls/personal protection**

## 8.2. Exposure controls



## 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

## 8.2.2. Individual protection measures

Use as appropriate: Protective equipment.

## Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection -  
Handprotection

Use as appropriate: Chemical-resistant gloves made of any waterproof material.

## Skin protection - Other

Use as appropriate: Protective clothing.

## Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

## Occupational exposure controls

Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

## Further information

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

**SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## 9.1. Information on basic physical and chemical properties

<b>State</b>	Aerosol
<b>Colour</b>	Clear/Light yellow
<b>Odour</b>	Mild/Sweet
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point</b>	-58 °C
<b>Freezing Point</b>	No data available
<b>Boiling point</b>	175 - 270 °C
<b>Flash point</b>	95.5 °C
<b>Evaporation rate</b>	No data available
<b>Flammability limits</b>	Not applicable.
<b>Upper Explosive Limit</b>	5.5 %
<b>Lower Explosive Limit</b>	0.6 %
<b>Vapour pressure</b>	0.34 mmHg
<b>Vapour density</b>	4.5
<b>Relative density</b>	0.79 - 0.82
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	220 °C
<b>Viscosity</b>	1.89 cSt
<b>Oxidising</b>	No data available
<b>Solubility</b>	Insoluble in water

## 9.2. Other information

<b>Gas group</b>	No data available
<b>VOC (Volatile organic compounds)</b>	100 %

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

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

## 10.2. Chemical stability

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

## 10.3. Possibility of hazardous reactions

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

## 10.4. Conditions to avoid

	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Pressurized container: Do not pierce or burn, even after use.
--	--

## 10.5. Incompatible materials

	Combustible materials.
--	------------------------

## 10.6. Hazardous decomposition products

	Carbon oxides. Hydrocarbons.
--	------------------------------

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## 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 sensitisation	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	Listed by the International Agency for Research on Cancer (IARC) as a group 3 substance: evidence does not support the substance as a human carcinogen. Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	Contact with skin or other tissues may cause frostbite.
STOT-repeated exposure	May cause damage to human organs based on animal data.
Aspiration hazard	Potential for aspiration if swallowed.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

## 11.1.2. Mixtures

	See Section(s) 3 for further information.
--	---

## 11.1.3. Hazard Information

	See Section(s) 2 and 3 for further information.
--	---

## 11.1.4. Toxicological Information

	No data available
	No data available.

## 11.1.5. Hazard Class

	See Section(s) 2 and 4 for further information.
--	---

## 11.1.6. Classification Criteria

	Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.
--	---

## 11.1.7. Information on likely routes of exposure

	Inhalation. Eye contact. Skin contact. Ingestion.
--	---

## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

	See Section(s) 4.2 for further information.
--	---

## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

	See Section(s) 4.2 for further information.
--	---

## 11.1.10. Interactive effects

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

## 11.1.11. Absence of specific data

	<1% of this mixture consists of ingredients of unknown acute toxicity.
--	--

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## 11.1.12. Mixture versus substance information

See Section(s) 3 for further information.

## 11.1.13. Other information

No data available.

**SECTION 12: Ecological information**

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

Prozap® Armor-XP No data available

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

This product is toxic to fish, birds, and aquatic invertebrates.

**SECTION 13: Disposal considerations**

## Disposal methods

Do not burn or incinerate. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Contents under pressure: Do not puncture or incinerate!  
If empty: Place in trash or offer for recycling, if available.  
If partly filled: Call your local solid waste agency for disposal instructions.**SECTION 14: Transport information**

## Hazard pictograms



## 14.1. UN number

UN1950

## 14.2. UN proper shipping name

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## 14.2. UN proper shipping name

	AEROSOLS (Insecticide)
--	------------------------

## 14.3. Transport hazard class(es)

ADR/RID	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

## ADR/RID

Hazard ID	-
Tunnel Category	(D)

## IMDG

EmS Code	F-D S-U
----------	---------

## 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	WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR).
	Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt.
	Toxic Substances Control Act (TSCA): All ingredients listed or exempt.

## Further information

	<p>This chemical is a pesticide product registered by the Pest Management Regulatory Agency (PMRA) responsible for pesticide regulation in Canada and is subject to certain labeling under the authority of the Pest Control Products Act, Health Canada. These requirements differ from the classification criteria and hazard information required for safety data sheets(SDS), and for workplace labels for non-pesticide chemicals. The hazard information in accordance to PMRA is listed on the product label and also includes other important information, including directions for use.</p> <p>DANGER.</p> <p>Keep out of reach of children.</p>
--	---



## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## Further information

Do not remain in treated areas. Ensure proper ventilation after sealed areas have been treated. Any treated surfaces that may contact food or feed products should be washed thoroughly with potable water after spraying and before re-use. Avoid contact with skin and eyes. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.

- 1 - Description.
- 1 - Product Use.
- 1 - Registration No.
- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Hazard pictograms.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Storage.
- 4 - Ingestion.
- 4 - Further information.
- 5 - 5.2. Special hazards arising from the substance or mixture.
- 6 - 6.2. Environmental precautions.
- 7 - Further information.
- 9 - 9.1. Information on basic physical and chemical properties (State).
- 9 - 9.1. Information on basic physical and chemical properties (Odour).
- 9 - 9.1. Information on basic physical and chemical properties (Boiling point).
- 9 - 9.1. Information on basic physical and chemical properties (Melting point).
- 9 - 9.1. Information on basic physical and chemical properties (Flash point).
- 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
- 9 - 9.1. Information on basic physical and chemical properties (Explosive).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).
- 9 - 9.1. Information on basic physical and chemical properties (Relative density).
- 9 - 9.1. Information on basic physical and chemical properties (Viscosity).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour density).
- 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit).
- 9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit).
- 9 - 9.1. Information on basic physical and chemical properties (Solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Miscible in).
- 9 - 9.2. Other information (VOC (Volatile organic compounds)).
- 9 - 9.2. Other information (Conductivity).
- 9 - 9.2. Other information (Surface tension).
- 9 - 9.2. Other information (Benzene Content).
- 9 - 9.2. Other information (Product Subcategory).
- 9 - 9.2. Other information (Lead content).
- 10 - 10.4. Conditions to avoid.
- 11 - 11.1.4. Toxicological Information.
- 11 - Carcinogenicity.
- 11 - STOT-repeated exposure.
- 11 - 11.1.2. Mixtures.
- 11 - 11.1.3. Hazard Information.
- 11 - 11.1.5. Hazard Class.
- 11 - 11.1.6. Classification Criteria.

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## Other information

	<p>11 - 11.1.7. Information on likely routes of exposure.  11 - 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics.  11 - 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure.  11 - 11.1.10. Interactive effects.  11 - 11.1.11. Absence of specific data.  11 - 11.1.12. Mixture versus substance information.  11 - 11.1.13. Other information.  12 - 12.1. Toxicity.  15 - Further information.  15 - U.S. Federal Fungicide, Insecticide, and Rodenticide Act (FIFRA).  15 - FIFRA Signal Word.  15 - FIFRA Warning.  15 - U. S. State Regulations.  15 - .  16 - Maximum content of VOC.</p>
Acronyms	<p>ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).  CAS No.: Chemical Abstracts Service.  GHS: Globally Harmonized System.  HCS 2012: U.S. Hazard Communication Standard (2012 revision).  IATA: International Air Transport Association.  ICAO: International Civil Aviation Organisation.  IMDG: International Maritime Dangerous Goods.  LD: Lethal dose.  OEL: Occupational exposure limit.  OSHA: U.S. Occupational Safety and Health Administration.  PEL: Permissible Exposure Limit.  REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals.  SVHC: Substance of very high concern.  US DOT: United States Department of Transportation.  VOC: Volatile Organic Compound.  WEL: Workplace Exposure Limit.</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>
Maximum content of VOC	100 %.

## Further 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, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED</p>
--	--

## Prozap® Armor-XP

Revision 2  
Revision date 2020-01-20

## Further information

	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.
--	---