



SAFETY DATA SHEET

according to HSNO Act 1996, as amended

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Prozap® StandGuard™ Pour-On Insecticide

Revision 0
Revision date 2020-10-05

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

1.1. Product identifier

Product name	Prozap® StandGuard™ Pour-On Insecticide
Product code	1904005, 1907840
Registration No.	EPA Reg. No. 47000-190.

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	Insecticide.

1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshner 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

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.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture


2.1.2. Classification - GHS Skin Sens. 1: H317; Aquatic Chronic 3: H412;

2.2. Label elements

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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	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/ . P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations., Follow label instructions

2.3. Other hazards

Other hazards	Contains material(s) which may be harmful if swallowed. Read the entire label and follow all use directions, restrictions, and precautions.
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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
gamma-Cyhalothrin		76703-62-3	616-373-3		0 - 0.5%	Acute Tox. 3: H301+H311; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2B: H320; Acute Tox. 4: H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Decamethylcyclopentasiloxane		541-02-6	208-764-9		1 - 10%	Flam. Liq. 4: H227;
Butylated hydroxytoluene (2,6-Di-tert-butyl-p-cresol (Butylated hydroxytoluene))		128-37-0	204-881-4		0 - 0.5%	Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

Description

	Included on the Candidate List of Substances of Very High Concern: Decamethylcyclopentasiloxane, CAS No. 541-02-6. Concentrations listed may not represent exact 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 is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention

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4.1. Description of first aid measures

Skin contact	if irritation or symptoms persist.
	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. 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 irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin. May cause dermatitis.
Ingestion	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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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

	Insoluble in water. Do NOT use water jet. Do not allow undiluted product to be released to ground water, water course or sewage system. Contains substance(s) which are hazardous to the environment.
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5.3. Advice for firefighters

	Do not breathe vapour or spray mist. Wear self-contained breathing apparatus and chemical-protective clothing.
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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.
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6.2. Environmental precautions

	Prevent further spillage if safe. 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 area thoroughly with detergent. Do not contaminate water by cleaning of equipment or disposal of wastes.
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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. Do not use or store near heat or open flame. Avoid contact with eyes. Do not eat, drink or smoke in areas where
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7.1. Precautions for safe handling

	<p>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. Use as appropriate: Protective clothing.</p> <p>Read the entire label and follow all use directions, restrictions, and precautions.</p>
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7.2. Conditions for safe storage, including any incompatibilities

	<p>Store at temperatures below 45 °C.</p> <p>Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions.</p>
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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 and/or package insert for additional information. Follow label instructions.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	No occupational exposure limits known.
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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. Wash the outside of gloves before removing them.
Skin protection - Other	Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.
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.
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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

Appearance	Liquid
Colour	Yellow
Odour	Mild
Relative density	0.9
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Evaporation rate	No data available
Vapour pressure	No data available
Vapour density	No data available
Flash point	> 76 °C
Flammability (solid, gas)	Not applicable.
Oxidising properties	Not applicable.
Solubility	Immiscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available
Gas group	Not applicable.

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.
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10.5. Incompatible materials

	No data available.
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10.6. Hazardous decomposition products

	Carbon oxides.
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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. May cause dermatitis.
Germ cell mutagenicity	Contains material(s) which may cause genetic defects. No mutagenic effects reported.
Carcinogenicity	No components at >0,01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Listed by the International Agency for Research on Cancer (IARC) as a Group 2 substance: suspected of being a human carcinogen, [Naphthalene, CAS No. 91-20-3 (<0.1%)], Group 3 substance: evidence does not support the substance as a human carcinogen, [Butylated hydroxytoluene, CAS No. 128-37-0]. Listed in the National Toxicology Program (NTP) Report on Carcinogens as reasonably anticipated to be a human carcinogen, [Naphthalene, CAS No. 91-20-3 (<0.1%)]. 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.
STOT-repeated exposure	No Significant Hazard.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

11.1.2. Mixtures

	See Section(s) 3 for further information.
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11.1.3. Hazard Information

	See Section(s) 2 and 3 for further information.
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11.1.4. Toxicological Information

	No data available
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11.1.5. Hazard Class

	See Section(s) 2 and 14 for further information.
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11.1.6. Classification Criteria

	Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.
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11.1.7. Information on likely routes of exposure

	Eye contact. Skin contact. Ingestion. Inhalation.
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11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

	See Section(s) 4.2 for further information.
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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.
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11.1.10. Interactive effects

	No data available.
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11.1.11. Absence of specific data

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

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® StandGuard™ Pour-On Insecticide 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. Refer to product label and/or package insert for additional information.

Further information

Keep out of lakes, ponds, or streams. Do not let product contaminate subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations. Follow label instructions.

Disposal methods

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

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.

Further information

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

SECTION 14: Transport information

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Hazard pictograms



14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (gamma-Cyhalothrin)

14.3. Transport hazard class(es)

ADR	9
Subsidiary risk	-
IMDG / GGVSee	9
Subsidiary risk	-
IATA / ICAO / DGR	9
Subsidiary risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR

Hazard ID	90
Tunnel Category	(E)

IMDG / GGVSee

EmS Code F-A S-F

IATA / ICAO / DGR

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

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

Regulations	This document has been prepared in accordance with the requirements set out under the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017, the Hazardous Substances (Safety Data Sheets) Notice 2017 and the Hazardous Substances (Labelling) Notice 2017.
Chemical Inventories/Right-to-Know Lists:	--International--. Basel Convention (Hazardous Waste): Not applicable. Chemical Weapons Convention (OPCW): This product contains no hazardous substances at or above published reporting levels. Kyoto Protocol Greenhouse Gases: This product contains no hazardous substances at or above

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

published reporting levels.
Mercosur Agreement: Not applicable.
Montreal Protocol: This product contains no hazardous substances at or above published reporting levels.
The Rotterdam Convention: This product contains no hazardous substances at or above published reporting levels.
The Stockholm Convention: This product contains no hazardous substances at or above published reporting levels.

--Asia and the ASEAN Nations--.

Catalog of Hazardous Chemicals (China): [1585, Naphthalene, CAS No. 91-20-3 (<0.1%)].
Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision, Distribution, and Control of Hazardous Substances: This product contains no hazardous substances at or above published reporting levels.
Air Pollution Control Law (Japan): Hazardous substance / Priority chemicals, [Naphthalene, CAS No. 91-20-3 (<0.1%)].
Chemical Substances Control Law (Japan): Priority Assessment, (human health), (ecosystem), Class I environmental release, [Butylated hydroxytoluene, CAS No. 128-37-0], [Naphthalene, CAS No. 91-20-3 (<0.1%)]. Type II monitoring, No. [1000, Naphthalene, CAS No. 91-20-3 (<0.1%)]. Type III monitoring, No. [135, Butylated hydroxytoluene, CAS No. 128-37-0], [235, Naphthalene, CAS No. 91-20-3 (<0.1%)].
Industrial Safety and Health Act, Dangerous Substances (Japan): Labeling/Notification required, [Butylated hydroxytoluene, CAS No. 128-37-0], Strong mutagenic substance, [Naphthalene, CAS No. 91-20-3 (<0.1%)]. Administrative controls, reg. no. 21.2 [Naphthalene, CAS No. 91-20-3 (<0.1%)].
Poisonous and Deleterious Substances Act (Japan): This product contains no hazardous substances at or above published reporting levels.
Soil Contamination Countermeasures Act (Japan): This product contains no hazardous substances at or above published reporting levels.
Water Pollution Control Law (Japan): Designated substance, [Butylated hydroxytoluene (phenols, salts), CAS No. 128-37-0].
Chemical Substances Subject to Permission (Korea): This product contains no hazardous substances at or above published reporting levels.
Restricted or Prohibited Substances (Korea): This product contains no hazardous substances at or above published reporting levels.
Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000 (Malaysia): Schedule I exposure standard, CLASS regulation, [Butylated hydroxytoluene, CAS No. 128-37-0], [Naphthalene, CAS No. 91-20-3 (<0.1%)].
Philippine Inventory of Chemicals and Chemical Substances (PICCS): Toxic Substances and Hazardous and Nuclear Wastes Control Act (RA6969):, All ingredients listed or exempt., No restrictions.
Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This product contains no hazardous substances at or above published reporting levels.
Hazardous Substances Act (Thailand): This product contains no hazardous substances at or above published reporting levels.
Law on Chemicals (Vietnam): Decree 113/2017/ND-CP: List of chemicals subject to conditional industrial production and trading, Decree 113/2017/ND-CP: List of chemicals subject to compulsory declaration.

--Australia and New Zealand--.

Australian Dangerous Goods Code: Not applicable.
Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt., No

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

restrictions.
New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt., No restrictions.

--European Union (EU) and the United Kingdom (UK)--
Authorisation List (Annex XIV of REACH): This product contains no hazardous substances at or above published reporting levels.
Annex XVII for REACH: This product contains no hazardous substances at or above published reporting levels, No restrictions.
Article 95 of the Biocidal Products Regulation (BPR): Not applicable.

--North America--
Domestic/Non-Domestic Substances Lists (DSL/NDSL): This product contains one or more components that are not listed or exempt from listing on the inventory administered by the governing country.
Toxic Substances Control Act (TSCA): This product contains one or more components that are not listed or exempt from listing on the inventory administered by the governing country.
Massachusetts Right-to-Know Hazardous Substance List: This product contains no hazardous substances at or above published reporting levels.
New Jersey Worker and Community Right to Know Act: This product contains no hazardous substances at or above published reporting levels.
Pennsylvania Right to Know Law: Corn oil, CAS No. 8001-30-7.
Rhode Island Right-to-Know General Law: Corn oil, CAS No. 8001-30-7.

****California residents please note****
WARNING: This product can expose you to chemicals, including Naphthalene, CAS No. 91-20-3 (<0.1%), which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Further information

Additional Regulating Authority:	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.
Signal Word Label Precautions	CAUTION. Keep out of reach of children. Hazards to humans and domestic animals. Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Remove and wash contaminated clothing before reuse. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear: Waterproof gloves.

SECTION 16: Other information

Other information

Acronyms	ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR). CAS No.: Chemical Abstracts Service. CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia). FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act. GHS: Globally Harmonized System.
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Other information

	<p>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. STOT: Specific Target Organ Toxicity. SVHC: Substance of very high concern. US DOT: United States Department of Transportation. VOC: Volatile Organic Compound. WEL: Workplace Exposure Limit.</p>
<p>Text of Hazard Statements in Section 3</p>	<p>Acute Tox. 3: H301+H311 - Toxic if swallowed or in contact with skin Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2B: H320 - Causes eye irritation. Acute Tox. 4: H332 - Harmful if inhaled. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Flam. Liq. 4: H227 - Combustible liquid.</p>

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 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>
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