
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Xtreme Anti-Corrosion Spray

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Metal surface treatment

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: GardX International Limited

- Address of Supplier: Lake House
2 Port Way,
Port Solent
PO6 4TY
Portsmouth
UK

- Telephone: +44 (0)1243 376426

- Email: product@gardxgroup.com

Importer: GardX New Zealand Limited

Address of Importer: 739 Chapel Road
Howick
Auckland
New Zealand

- Telephone: 0800 242 739

- Email: info@gardx.co.nz

1.4 Emergency telephone number

- Emergency Telephone: PCN 131 126. CNN: 1012486. For 24/7 multilingual advice for spill, leak, fire, exposure or accident, call chemtrek @ +65 3163 8374 or +61 2 9037 2994

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This safety data sheet was created pursuant to the requirements of: Hazardous Substances (Safety Data Sheets) Notice 2017.

GHS Classification

Aspiration Toxicity Category 1

H304

Flammable Liquid Category 4

H227

HSNO Classification - Aspiration Hazard Category 1, Flammable Liquids Category 4

2.2 Label elements

SECTION 2: Hazards identification (....)

- Signal Word: Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways.

Precautionary statements

P102 - Keep out of reach of children.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 - Do NOT induce vomiting.

P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- No hazard expected under normal conditions of use

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Concentration: 20-50%

CAS Number: Not applicable

EC Number: 918-481-9

Categories: Asp. Tox. 1

H Statements: H304

Calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

Concentration: <5%

CAS Number: 57855-77-3

Categories: Eye Irrit. 2, Skin Irrit. 2

H Statements: H315, H319

2-(2-butoxyethoxy)ethanol

Concentration: <2.5%

CAS Number: 112-34-5

Categories: Eye Irrit. 2

H Statements: H319

N-methyl-N-[C18-(unsaturated)alkanoyl]glycine

Concentration: <0.6%

CAS Number: Not applicable

EC Number: 701-177-3

Categories: Skin Irrit. 2, Eye Dam. 1, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 3

SECTION 3: Composition/information on ingredients (....)

H Statements: H315, H318, H332, H400, H412

Non-Hazardous Components

Concentration: Balance

CAS Number: Proprietary

Categories: Not applicable

H Statements: Not applicable

SECTION 4: First aid measures**4.1 Description of first aid measures****Ingestion**

Rinse mouth with water (only if the person is conscious)

Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

Seek immediate medical attention

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical attention if ill effects occur

Contact with skin

Remove contaminated clothing

Wash affected area with plenty of soap and water

When in doubt or symptoms persist, seek medical attention

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Seek medical attention if ill effects occur

4.2 Most important symptoms and effects, both acute and delayed**Ingestion**

Aspiration hazard

Causes damage to the lungs through repeated or prolonged exposure if inhaled

Contact with eyes

May cause irritation

Contact with skin

May cause irritation

Repeated exposure may cause skin dryness or cracking.

Inhalation

In cases of severe exposure, dizziness, confusion, headache or stupor may develop

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Combustible liquid.
- May give off noxious and toxic fumes in a fire
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Evacuate the area
- Do not smoke
- Avoid contact with skin and eyes
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

6.2 Environmental precautions

- Absorb spillage in earth or sand
- Do not allow to enter public sewers and watercourses
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Shut off all ignition sources
- Ensure adequate ventilation
- Contain leaking liquid in earth or sand and remove to safe place when solid
- Absorb spillage in earth or sand
- Disposal should be in accordance with local, state or national legislation

6.4 Reference to other sections

- None
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes
- Do not breathe fumes
- Keep container tightly closed
- Handle and open container with care
- Ensure adequate ventilation
- Keep away from heat and sources of ignition

SECTION 7: Handling and storage (....)

- WARNING: When used as a spray this liquid may be flammable. Do not spray on an open flame or other ignition source.

7.2 Conditions for safe storage, including any incompatibilities

- Opened containers should be carefully resealed and stored in an upright position
- Store above 5 °C
- Store at temperatures not exceeding 40°C/

7.3 Specific end use(s)

- Not applicable
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Exposure limit (in house): 171 ppm 1200 mg/m³ (8 hour TWA)

Calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

DNEL (inhalational): 5 mg/m³

DNEL (dermal): 10 mg/kg (day)

2-(2-butoxyethoxy)ethanol

DNEL (inhalational): 67.5 mg/m³

DNEL (dermal): 20 mg/kg (day)

N-methyl-N-[C18-(unsaturated)alkanoyl]glycine

DNEL (oral): 5 mg/kg (day)

DNEL (dermal): 10 mg/kg (day)

DNEL (inhalational): 0.1 mg/m³

8.2 Exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Eyewash bottles should be available
- Do not eat, drink or smoke when using this product.
- Wash thoroughly after handling.

8.3 Environmental exposure controls

- Do not allow to enter public sewers and watercourses
 - If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities
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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

SECTION 9: Physical and chemical properties (....)

- Physical state: liquid
- Colour: amber
- Odour: Characteristic odour
- Melting point/Range: not available
- Freezing point/Range: not available
- Boiling Point/Range: Boiling point: 160 °C to 245 °C
- Flammability: not available
- Lower explosive limit: not available% (in air)
- Upper explosive limit: not available% (in air)
- Flashpoint: >61 °C (CC)
- Autoignition Temperature: not available
- Decomposition temperature: not available
- pH: not applicable
- Kinematic viscosity: not available mm²/s
- Solubility in water: Insoluble in water
- Partition Coefficient (n-Octanol/Water): not available
- Vapour pressure: not available
- Density: Approx. 0.9 g/cm³ at 25 °C
- Relative vapour density: not available
- Particle characteristics: not available

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Vapours may ignite

10.4 Conditions to avoid

- Keep away from heat and sources of ignition

10.5 Incompatible materials

- Incompatible with oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, <2% aromatics

SECTION 11: Toxicological information (....)

LD₅₀ (oral, rat): >2000 mg/kg
LD₅₀ (dermal rabbit) : >2000 mg/kg
LC₅₀ (inhalation, rat): >4951 mg/l/4h

Calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

LD₅₀ (oral, rat): >2500 mg/kg
LC₅₀ (inhalation) : >9 mg/l/4h
LD₅₀ (dermal rabbit) : >10000 mg/kg

2-(2-butoxyethoxy)ethanol

LD₅₀ (oral, rat): >2000 mg/kg
LCLo (inhalation, rat): >29 ppm /2h
LD₅₀ (dermal rabbit) : 2764 mg/kg

N-methyl-N-[C18-(unsaturated)alkanoyl]glycine

LD₅₀ (oral, rat): >9200 mg/kg
LC₅₀ (inhalation, rat): 1.8 mg/l/4h

Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking

Serious eye damage/irritation

May cause irritation

Respiratory or skin sensitisation

Based on the available data, the classification criteria are not met

Germ cell mutagenicity

No evidence of mutagenic effects

Carcinogenicity

No evidence of carcinogenic effects

Reproductive toxicity

No evidence of reproductive effects

STOT (specific target organ toxicity) - single exposure

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - repeated exposure

Based on the available data, the classification criteria are not met

Aspiration hazard

Aspiration hazard

Causes damage to the lungs through repeated or prolonged exposure if inhaled

11.2 Information on other hazards

- Not available

SECTION 12: Ecological information

12.1 Toxicity

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, <2% aromatics

SECTION 12: Ecological information (....)

LC₅₀ (rainbow trout): >1000 mg/l (96 hr)

EC₅₀ (Daphnia magna): >1000 mg/l (48 hr)

IC₅₀ (algae): >1000 mg/l (72 hr)

Calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

LC₅₀ (fish): >0.28 mg/l (96 hr)

EC₅₀ (Daphnia magna): >0.27 mg/l (48 hr)

IC₅₀ (algae): >0.27 mg/l (72 hr)

2-(2-butoxyethoxy)ethanol

LC₅₀ (fish): 1300 mg/l (96 hr)

EC₅₀ (Daphnia magna): >100 mg/l (48 hr)

IC₅₀ (algae): >1995 mg/l (0.5 hr)

N-methyl-N-[C18-(unsaturated)alkanoyl]glycine

LC₅₀ (fish): 1-10 mg/l (96 hr)

EC₅₀ (Daphnia magna): 0.43 mg/l (48 hr)

IC₅₀ (algae): 6.3 mg/l (48 hr)

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- Not available

12.4 Mobility in soil

- Not available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- Not available
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SECTION 13: Disposal considerations

Do not discharge into drains or the environment, dispose to an authorised waste collection point

Disposal should be in accordance with local, state or national legislation

Dispose of product in packaging in a way that is consistent with the Hazardous Substances (Disposal) Notice 2017 and the Act.

SECTION 14: Transport information

Not classified as hazardous for transport

SECTION 15: Regulatory information

SECTION 15: Regulatory information (....)

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulations - New Zealand

Classified as a hazardous substance in accordance with the criteria of Hazardous Substances (Hazard Classification) Notice 2020

Chemical Name	HSNO Chemical Classification
Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, <2% aromatics	Aspiration Hazard Category 1 Flammable Liquids Category 4

See section 8 for exposure control parameters

This product is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)

EPA New Zealand HSNO approval code or group standard - HSR002649

15.2 Chemical safety assessment

- Not available

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H400: Very toxic to aquatic life. H412: Harmful to aquatic life with long lasting effects.

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend - Section 8: Exposure controls/personal protection

TWA - Time-weighted average DNEL - Derived no-effect level

LD - Lethal dose LC - Lethal concentration IC - Inhibitory concentration EC - Effective concentration

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