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## SAFETY DATA SHEET

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

#### 1.1 Product identifier

- Product Name: GARDXCP Xtreme Anti-Corrosion Spray Aerosol
- UFI: PU00-D0KF-X00D-PM7D

#### 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: Automotosol s.r.o.
- Address of Supplier: Rybna 716/24, Praha 1, 110 00, Czech Republic
- Telephone: +420 222 703288
- Email: info@automotosol.cz

#### 1.4 Emergency telephone number

- Emergency Telephone: For 24/7 multilingual advice for spill, leak, fire, exposure, or accident call Chemtrec @ 1-800-424-9300 or +442038850382. CNN: 1012486  
Republic of Ireland (NPIC): 01 809 2166 (8am – 10pm)  
Northern Ireland: 999 or contact GP

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- Regulation (EC) No 1272/2008
- CLP: Flam. Aerosol 1, Press. Gas  
H222, H229

#### 2.2 Label elements

- Regulation (EC) No 1272/2008



- Signal Word: Danger

#### Hazard statements

- H222 - Extremely flammable aerosol.
- H229 - Pressurised container: May burst if heated.

#### Precautionary statements

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 - Do not spray on an open flame or other ignition source.
- P251 - Do not pierce or burn, even after use.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

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**SECTION 2: Hazards identification (....)**

P271 - Use only outdoors or in a well-ventilated area.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

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

P102 - Keep out of reach of children.

Supplemental Hazard information (EU): EUH066 - Repeated exposure may cause skin dryness or cracking.

**2.3 Other hazards**

- No hazard expected under normal conditions of use
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**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Petroleum gases, liquified, <0.1% 1,3-butadiene

Concentration: 30-60%

CAS Number: 68476-85-7

EC Number: 270-704-2

REACH Registration Number: Not applicable

Categories: Flam. Gas 1, Press. Gas

H Statements: H220, H280

Acute toxicity estimate: Not available

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

Concentration: 10-40%

CAS Number: Not applicable

EC Number: 918-481-9

REACH Registration Number: 01-2119456810-40-xxxx

Categories: Asp. Tox. 1

H Statements: H304, EUH066

Acute toxicity estimate: >5000 mg/kg (oral), >5000 mg/kg (dermal), >5000 mg/l/4h (inhalation)

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

Concentration: <3.5%

CAS Number: Not applicable

EC Number: 939-717-7

REACH Registration Number: 01-2119980985-16-xxxx

Categories: Eye Irrit. 2, Skin Irrit. 2

H Statements: H315, H319

Acute toxicity estimate: >2500 mg/kg (oral), >10000 mg/kg (dermal), >9 mg/l/4h (inhalation)

2-(2-butoxyethoxy)ethanol

Concentration: <1.5%

CAS Number: 112-34-5

EC Number: 203-961-6

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

REACH Registration Number: 01-2119475104-44-xxxx

Categories: Eye Irrit. 2

H Statements: H319

Acute toxicity estimate: >2000 mg/kg (oral), 2764 mg/kg (dermal), >29 mg/l/4h (inhalation)

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

Concentration: <0.4%

CAS Number: Not applicable

EC Number: 701-177-3

REACH Registration Number: 01-2119488991-20-xxxx

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

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

M factor: 1

Acute toxicity estimate: 9200 mg/kg (oral), 1.8 mg/l/4h (inhalation)

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**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

**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

**SECTION 4: First aid measures (....)**

## 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
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**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

- In case of fire, do not breathe fumes
- 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
- Keep container(s) exposed to fire cool, by spraying with water

## 5.3 Advice for firefighters

- Shut off all ignition sources
  - Avoid breathing dust/fume/gas/mist/vapours/spray.
  - Wear Positive-Pressure Breathing Apparatus
- 

**SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Ensure adequate ventilation
- 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
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**SECTION 7: Handling and storage**

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

### 7.1 Precautions for safe handling

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- 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

### 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 available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Petroleum gases, liquified, <0.1% 1,3-butadiene

Exposure limit (in house): 1000 ppm 1750 mg/m<sup>3</sup> (8 hour TWA)

WEL (short term): 15 minutes - 1250 ppm

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

Exposure limit (in house): 171 ppm 1200 mg/m<sup>3</sup> (8 hour TWA)

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

DNEL (inhalational): 5 mg/m<sup>3</sup>

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

2-(2-butoxyethoxy)ethanol

DNEL (inhalational): 67.5 mg/m<sup>3</sup>

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/m<sup>3</sup>

### 8.2 Exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
- Ensure adequate ventilation
- Eyewash bottles should be available
- Do not eat, drink or smoke when using this product.

### 8.3 Environmental exposure controls

**SECTION 8: Exposure controls/personal protection (....)**

- 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

- Physical state: liquid
- Colour: amber
- Odour: Characteristic odour
- Melting point/Range: not available
- Freezing point/Range: not available
- Boiling Point/Range: Boiling point: -40 °C to 210 °C
- Flammability: Extremely Flammable
- Lower explosive limit: 1.8% (in air)
- Upper explosive limit: 9.5% (in air)
- Flashpoint: -41°C (CC)
- Autoignition Temperature: not available
- Decomposition temperature: not available
- pH: not applicable
- Kinematic viscosity: not available mm<sup>2</sup>/s
- Solubility in water: Insoluble in water
- Partition Coefficient (n-Octanol/Water): not available
- Vapour pressure: not available
- Density: Approx. 0.72 g/cm<sup>3</sup>
- 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

- No hazardous reactions known if used for its intended purpose

## 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

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Petroleum gases, liquified, <0.1% 1,3-butadiene

No information available

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

LD<sub>50</sub> (oral, rat): >2000 mg/kg

LD50 (dermal rabbit) : >2000 mg/kg

LC<sub>50</sub> (inhalation, rat): >4951 mg/l/4h

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

LD<sub>50</sub> (oral, rat): >2500 mg/kg

LC<sub>50</sub> (inhalation) : >9 mg/l/4h

LD50 (dermal rabbit) : >10000 mg/kg

2-(2-butoxyethoxy)ethanol

LD<sub>50</sub> (oral, rat): >2000 mg/kg

LCLo (inhalation, rat): >29 ppm /2h

LD50 (dermal rabbit) : 2764 mg/kg

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

LD<sub>50</sub> (oral, rat): 9200 mg/kg

LC<sub>50</sub> (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

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**SECTION 11: Toxicological information (....)**

## 11.2 Information on other hazards

- Not available
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**SECTION 12: Ecological information**

## 12.1 Toxicity

Petroleum gases, liquified, <0.1% 1,3-butadiene

No information available

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

LC<sub>50</sub> (rainbow trout): 1000 mg/l (96 hr)

EC<sub>50</sub> (Daphnia magna): 1000 mg/l (48 hr)

IC<sub>50</sub> (algae): 1000 mg/l (72 hr)

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

LC<sub>50</sub> (fish): >0.28 mg/l (96 hr)

EC<sub>50</sub> (Daphnia magna): >0.27 mg/l (48 hr)

IC<sub>50</sub> (algae): >0.27 mg/l (72 hr)

2-(2-butoxyethoxy)ethanol

LC<sub>50</sub> (fish): 1300 mg/l (96 hr)

EC<sub>50</sub> (Daphnia magna): >100 mg/l (48 hr)

IC<sub>50</sub> (algae): >1995 mg/l (0.5 hr)

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

EC<sub>50</sub> (Daphnia magna): 0.43 mg/l (48 hr)

IC<sub>50</sub> (algae): 6.3 mg/l (72 hr)

LC<sub>50</sub> (golden orfe (Leuciscus idus)): 1-10 mg/l (96 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

- Water Hazard Class: 1 (Company)
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**SECTION 13: Disposal considerations**

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

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**SECTION 13: Disposal considerations (....)**

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

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**SECTION 14: Transport information****14.1 UN number or ID number**

- UN No.: 1950

**14.2 UN proper shipping name**

- Proper Shipping Name: Aerosols, flammable

**14.3 Transport hazard class(es)**

- ADR Hazard Class: 2.1
- ADR Classification Code: 5F
- ADR-RID Labels: 2.1
- IMDG Hazard Class: 2.1
- ICAO Hazard Class: 2.1

**14.4 Packing group**

- ADR Packing Group: Not applicable
- IMDG Packing Group.: Not applicable
- ICAO Packing Group: Not applicable

**14.5 Environmental hazards**

- Presents little or no hazard to the environment

**14.6 Special precautions for user**

- IMDG EmS: F-D, S-U
- Tunnel Code: (D)

**14.7 Maritime transport in bulk according to IMO instruments**

- Not applicable
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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

**15.2 Chemical safety assessment**

- Not available
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-

EUH066: Repeated exposure may cause skin dryness or cracking. H220: Extremely flammable gas. H280: Contains gas under pressure; may explode if heated. H304: May be fatal if swallowed

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**SECTION 16: Other information (....)**

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.

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