

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Revision date: 30/03/2022 Version: 178.0  
SDS No: 114576-0083



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

#### 1.1. Product identifier

Product form : Mixture  
Product name : EXO 49 MoS2 RUST REMOVER 500 ML  
Product code : S.81180  
Vaporizer : Aerosol

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Use of the substance/mixture : Lubricants, Greases and Release Products

##### 1.2.2. Uses advised against

No additional information available

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

##### Distributor

Sparex Limited c/o AGCO SAS  
AGCO ENNERY PACKAGING CENTER  
5299 RUE THOMAS EDISON (BAT. C)  
57365 ENNERY  
FRANCE  
T +33 387724100

[Sparex@gbk-ingelheim.de](mailto:Sparex@gbk-ingelheim.de), [www.sparex.com](http://www.sparex.com)

E-mail address of competent person responsible for the SDS: [sds@gbk-ingelheim.de](mailto:sds@gbk-ingelheim.de)

##### Manufacturer

TEGEE-DAN  
Helge Nielsens Allé 7, 1A  
8723 Løsning  
Denmark  
T +4575631370, F +4575631371  
[info@tegee-dan.dk](mailto:info@tegee-dan.dk), [www.tegee-dan.dk](http://www.tegee-dan.dk)

#### 1.4. Emergency telephone number

Emergency number : Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229  
Hazardous to the aquatic environment – Chronic Hazard, H412  
Category 3

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) :

Danger

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

|                                |   |
|--------------------------------|---|
| Hazard statements (CLP)        | : H222 - Extremely flammable aerosol.<br>H229 - Pressurised container: May burst if heated.<br>H412 - Harmful to aquatic life with long lasting effects.  |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children.<br>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P211 - Do not spray on an open flame or other ignition source.<br>P251 - Do not pierce or burn, even after use.<br>P260 - Do not breathe spray, vapours.<br>P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 122 °F, 50 °C.<br>P501 - Dispose of contents and container to in accordance with local and national regulations. |
| EUH-statements                 | : EUH066 - Repeated exposure may cause skin dryness or cracking.  |
| Child-resistant fastening      | : Not applicable  |
| Tactile warning                | : Not applicable  |

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name   | Product identifier   | %                  | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                 |
|--|--|--------------------|---|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics<br>Substance with a Community workplace exposure limit | CAS-No.: 64742-48-9<br>EC-No.: 265-150-3<br>REACH-no: 01-2119457273-39                             | $\geq 25 - < 50$   | Asp. Tox. 1, H304<br>EUH066   |
| Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic  | CAS-No.: 64742-55-8<br>EC-No.: 265-158-7<br>REACH-no: 01-2119487077-29                             | $\geq 20 - < 30$   | Asp. Tox. 1, H304   |
| pentane<br>Substance with a Community workplace exposure limit<br>(Note C)   | CAS-No.: 109-66-0<br>EC-No.: 203-692-4<br>EC Index-No.: 601-006-00-1<br>REACH-no: 01-2119459286-30 | $\geq 12.5 - < 20$ | Flam. Liq. 2, H225<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411<br>EUH066 |

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Product subject to CLP Annex I, item 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                     |  |
|-------------------------------------|--|
| First-aid measures general          | : Call a physician immediately.                                  |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

|                                       |  |
|---------------------------------------|--|
| First-aid measures after skin contact | : Wash skin with plenty of water.  |
| First-aid measures after eye contact  | : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse eyes with water as a precaution. |
| First-aid measures after ingestion    | : Rinse mouth. Immediately give plenty of water. Do not induce vomiting. Call a physician immediately.       |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after skin contact | : Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after ingestion    | : Risk of lung oedema.                                  |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide.                     |
| Unsuitable extinguishing media | : Do not use a solid water stream as it may scatter and spread fire. |

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

|  |   |
|--|---|
| Fire hazard                                      | : Extremely flammable aerosol.                |
| Explosion hazard                                 | : Pressurised container: May burst if heated. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.                |

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Contain the extinguishing fluids by bunding. Do not allow run-off from fire fighting to enter drains or water courses. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.   |

## SECTION 6: Accidental release measures

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

|                  |  |
|------------------|--|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
|------------------|--|

#### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment.                     |
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. |

#### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so.   |

### 6.2. Environmental precautions

Avoid release to the environment. Do not discharge into the drains/surface waters/groundwater. Notify authorities if product enters sewers or public waters. Do not allow to enter drains or water courses.

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

|                         |   |
|-------------------------|---|
| For containment         | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : Mechanically recover the product.   |
| Other information       | : Dispose of materials or solid residues at an authorized site.   |

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : Disposal considerations" ". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep cool.

Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

Packaging materials : Store always product in container of same material as original container.

### 7.3. Specific end use(s)

See Section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9) |                                 |
|--|---------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL)                                 |                                 |
| Local name   | White spirit Type 3             |
| IOEL TWA   | 116 mg/m <sup>3</sup>           |
|  | 20 ppm                          |
| IOEL STEL  | 290 mg/m <sup>3</sup>           |
|  | 50 ppm                          |
| Remark   | Skin. (Year of adoption 2007)   |
| Regulatory reference   | SCOEL Recommendations           |
| pentane (109-66-0)   |                                 |
| EU - Indicative Occupational Exposure Limit (IOEL)                                 |                                 |
| Local name   | Pentane                         |
| IOEL TWA   | 3000 mg/m <sup>3</sup>          |
|  | 1000 ppm                        |
| Regulatory reference   | COMMISSION DIRECTIVE 2006/15/EC |
| Ireland - Occupational Exposure Limits   |                                 |
| Local name   | Pentane                         |
| OEL TWA  | 3000 mg/m <sup>3</sup>          |

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

|   |   |
|---|---|
| <b>pentane (109-66-0)</b>                     |   |
|   | 1000 ppm  |
| Remark  | IOELV (Indicative Occupational Exposure Limit Values)   |
| Regulatory reference                          | Chemical Agents Code of Practice 2024   |
| <b>Propane (74-98-6)</b>                      |   |
| <b>Ireland - Occupational Exposure Limits</b> |   |
| Local name                                    | Aliphatic hydrocarbon gases Alkanes (C1-C3): Propane  |
| OEL STEL                                      | 3000 ppm (calculated)   |
| Remark  | Advisory OELV (Advisory Occupational Exposure Limit Values), Asphx. (Gaseous chemical substances which may not produce significant physiological effects in the exposed employee, but when present in high concentrations will act as simple asphyxiants) |
| OEL chemical category                         | Simple asphyxiant   |
| Regulatory reference                          | Chemical Agents Code of Practice 2024   |
| <b>butane (106-97-8)</b>                      |   |
| <b>Ireland - Occupational Exposure Limits</b> |   |
| Local name                                    | Butane, all isomers: Butane   |
| OEL STEL                                      | 1000 ppm  |
| Remark  | Advisory OELV (Advisory Occupational Exposure Limit Values)   |
| Regulatory reference                          | Chemical Agents Code of Practice 2024   |
| <b>Isobutane (75-28-5)</b>                    |   |
| <b>Ireland - Occupational Exposure Limits</b> |   |
| Local name                                    | Butane, all isomers: Isobutane  |
| OEL STEL                                      | 1000 ppm  |
| Remark  | Advisory OELV (Advisory Occupational Exposure Limit Values)   |
| Regulatory reference                          | Chemical Agents Code of Practice 2024   |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety goggles with side protection (EN 166). Safety glasses. Protective goggles (EN 166)

### 8.2.2.2. Skin protection

#### Skin and body protection:

Long sleeved protective clothing (DIN EN ISO 6530). General protective and hygienic measures

#### Hand protection:

Chemically resistant protective gloves. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

| Hand protection   |              |                  |                |             |            |
|-------------------|--------------|------------------|----------------|-------------|------------|
| Type              | Material     | Permeation       | Thickness (mm) | Penetration | Standard   |
| protective gloves | Butyl rubber | 3 (> 60 minutes) | 0,4            |             | EN ISO 374 |

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |   |
|---|---|
| Physical state                                  | : Liquid                                      |
| Colour  | : Transparent                                 |
| Appearance                                      | : Aerosol.                                    |
| Odour   | : Not determined                              |
| Odour threshold                                 | : Not available                               |
| Melting point                                   | : Not available                               |
| Freezing point                                  | : Not available                               |
| Boiling point                                   | : Not available                               |
| Flammability                                    | : Extremely flammable aerosol.                |
| Explosive properties                            | : Pressurised container: May burst if heated. |
| Lower explosive limit (LEL)                     | : 0.6 vol %                                   |
| Upper explosive limit (UEL)                     | : 8 vol %                                     |
| Flash point                                     | : Not applicable                              |
| Auto-ignition temperature                       | : 285 °C                                      |
| Decomposition temperature                       | : Not available                               |
| pH  | : Not available                               |
| Viscosity, kinematic                            | : Not available                               |
| Solubility                                      | : immiscible and insoluble.                   |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                               |
| Vapour pressure                                 | : 3500 hPa (20 °C) (68 °F)                    |
| Vapour pressure at 50°C                         | : Not available                               |
| Density   | : 0.7 g/cm <sup>3</sup> (20 °C) (68 °F)       |
| Relative density                                | : Not available                               |
| Relative vapour density at 20°C                 | : Not available                               |
| Particle characteristics                        | : Not applicable                              |

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

% of flammable ingredients :

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

| <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-48-9)</b>      |  |
|---|--|
| LD50 oral rat   | > 5000 mg/kg   |
| LD50 dermal rabbit  | > 5000 mg/kg   |
| LC50 Inhalation - Rat   | > 4.951 g/m <sup>3</sup>   |
| <b>pentane (109-66-0)</b>   |  |
| LD50 oral rat   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral)) |
| LD50 oral   | 2500 mg/kg   |
| LD50 dermal   | 3000 mg/kg   |
| LC50 Inhalation - Rat   | > 25.3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)   |
| <b>Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)</b> |  |
| LD50 oral rat   | > 2000 mg/kg   |
| LD50 dermal rabbit  | > 2000 mg/kg   |
| LC50 Inhalation - Rat (Dust/Mist)   | > 5000 mg/l/4h   |

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met) |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met) |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met) |

### pentane (109-66-0)

|  |  |
|--|--|
| NOAEC (inhalation, rat, vapour, 90 days) | 30 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Guideline: other:, Guideline: EPA OTS 798.2450 (90-Day Inhalation Toxicity), Guideline: other:, Guideline: other: |
|--|--|

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### EXO 49 MoS2 RUST REMOVER 500 ML

|           |         |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : Harmful to aquatic life with long lasting effects.                                |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met) |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.                                |

### pentane (109-66-0)

|                    |          |
|--------------------|----------|
| EC50 Daphnia 1     | 2.7 mg/l |
| NOEC chronic algae | 2 mg/l   |

### 12.2. Persistence and degradability

#### EXO 49 MoS2 RUST REMOVER 500 ML

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### pentane (109-66-0)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

No additional information available

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- Regional waste regulation : Disposal must be done according to official regulations.
- Waste treatment methods : The waste code/waste name refers to the end product. To be defined by the customer in agreement with appropriate waste disposal company. Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Product/Packaging disposal recommendations : Empty receptacle completely. Container under pressure. Do not drill or burn even after use. Must not be disposed together with household garbage. Packaging that is not properly emptied must be disposed of as the unused product.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR   | IMDG  | IATA  | ADN   | RID   |
|---|---|---|---|---|
| <b>14.1. UN number or ID number</b>   |   |   |   |   |
| UN 1950   | UN 1950   | UN 1950   | UN 1950   | UN 1950   |
| <b>14.2. UN proper shipping name</b>  |   |   |   |   |
| AEROSOLS  | AEROSOLS  | Aerosols, flammable   | AEROSOLS  | AEROSOLS  |
| <b>14.3. Transport hazard class(es)</b>   |   |   |   |   |
| 2.1   | 2.1   | 2.1   | 2.1   | 2.1   |
|  |  |  |  |  |
| <b>14.4. Packing group</b>  |   |   |   |   |
| Not applicable  | Not applicable  | Not applicable  | Not applicable  | Not applicable  |
| <b>14.5. Environmental hazards</b>  |   |   |   |   |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                           | Dangerous for the environment: No   | Dangerous for the environment: No   | Dangerous for the environment: No   |
| No supplementary information available  |   |   |   |   |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : 5F

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

|                                  |                      |
|----------------------------------|----------------------|
| Special provisions (ADR)         | : 190, 327, 344, 625 |
| Limited quantities (ADR)         | : 1I                 |
| Excepted quantities (ADR)        | : E0                 |
| Packing instructions (ADR)       | : P207               |
| Special packing provisions (ADR) | : PP87, RR6, L2      |
| Mixed packing provisions (ADR)   | : MP9                |
| Transport category (ADR)         | : 2                  |
| Tunnel restriction code (ADR)    | : D                  |

### Transport by sea

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Special provisions (IMDG)         | : 63, 190, 277, 327, 344, 381, 959 |
| Limited quantities (IMDG)         | : SP277                            |
| Excepted quantities (IMDG)        | : E0                               |
| Packing instructions (IMDG)       | : P207, LP200                      |
| Special packing provisions (IMDG) | : PP87, L2                         |
| Stowage category (IMDG)           | : None                             |
| Stowage and handling (IMDG)       | : SW1, SW22                        |
| Segregation (IMDG)                | : SG69                             |

### Air transport

|  |                    |
|--|--------------------|
| PCA Excepted quantities (IATA)               | : E0               |
| PCA Limited quantities (IATA)                | : Y203             |
| PCA limited quantity max net quantity (IATA) | : 30kgG            |
| PCA packing instructions (IATA)              | : 203              |
| PCA max net quantity (IATA)                  | : 75kg             |
| CAO packing instructions (IATA)              | : 203              |
| CAO max net quantity (IATA)                  | : 150kg            |
| Special provisions (IATA)                    | : A145, A167, A802 |
| ERG code (IATA)                              | : 10L              |

### Inland waterway transport

|                                   |                      |
|-----------------------------------|----------------------|
| Classification code (ADN)         | : 5F                 |
| Special provisions (ADN)          | : 190, 327, 344, 625 |
| Limited quantities (ADN)          | : 1 L                |
| Excepted quantities (ADN)         | : E0                 |
| Equipment required (ADN)          | : PP, EX, A          |
| Ventilation (ADN)                 | : VE01, VE04         |
| Number of blue cones/lights (ADN) | : 1                  |

### Rail transport

|                                    |                      |
|------------------------------------|----------------------|
| Classification code (RID)          | : 5F                 |
| Special provisions (RID)           | : 190, 327, 344, 625 |
| Limited quantities (RID)           | : 1L                 |
| Excepted quantities (RID)          | : E0                 |
| Packing instructions (RID)         | : P207, LP200        |
| Transport category (RID)           | : 2                  |
| Hazard identification number (RID) | : 23                 |

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Naphtha (petroleum), hydrotreated heavy (64742-48-9)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation (EU) 2019/1021 on persistent organic pollutants)

### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### Seveso Directive (Disaster Risk Reduction)

| Seveso III Part I (Categories of dangerous substances)  | Qualifying quantity (tonnes) |            |
|---|------------------------------|------------|
|   | Lower-tier                   | Upper-tier |
| P3a FLAMMABLE AEROSOLS<br>'Flammable' aerosols Category 1 or 2, containing flammable gases Category 1 or 2 or flammable liquids Category 1      | 150                          | 500        |
| P3b FLAMMABLE AEROSOLS<br>'Flammable' aerosols Category 1 or 2, not containing flammable gases Category 1 or 2 nor flammable liquids category 1 | 5000                         | 50000      |

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |                                      |
|-----------------------------|--------------------------------------|
| BLV                         | Biological limit value               |
| BOD                         | Biochemical oxygen demand (BOD)      |
| COD                         | Chemical oxygen demand (COD)         |
| EC-No.                      | European Community number            |
| EC50                        | Median effective concentration       |
| EN                          | European Standard                    |
| LC50                        | Median lethal concentration          |
| LD50                        | Median lethal dose                   |
| LOAEL                       | Lowest Observed Adverse Effect Level |

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

| <b>Abbreviations and acronyms:</b> |   |
|------------------------------------|---|
| NOAEC                              | No-Observed Adverse Effect Concentration  |
| NOAEL                              | No-Observed Adverse Effect Level  |
| NOEC                               | No-Observed Effect Concentration  |
| OECD                               | Organisation for Economic Co-operation and Development  |
| OEL                                | Occupational Exposure Limit   |
| SDS                                | Safety Data Sheet   |
| STP                                | Sewage treatment plant  |
| ThOD                               | Theoretical oxygen demand (ThOD)  |
| TLM                                | Median Tolerance Limit  |
| VOC                                | Volatile Organic Compounds  |
| CAS-No.                            | Chemical Abstract Service number  |
| N.O.S.                             | Not Otherwise Specified   |
| ED                                 | Endocrine disruptor   |
| ACGIH                              | American Conference of Government Industrial Hygienists   |
| ADN                                | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                                | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                                | Acute Toxicity Estimate   |
| BCF                                | Bioconcentration factor   |
| CLP                                | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| CSA                                | Chemical safety assessment  |
| DMEL                               | Derived Minimal Effect level  |
| DNEL                               | Derived-No Effect Level   |
| EWC                                | European waste catalogue  |
| IARC                               | International Agency for Research on Cancer   |
| IATA                               | International Air Transport Association   |
| IMDG                               | International Maritime Dangerous Goods  |
| Log Kow                            | Partition coefficient n-octanol/water (Log Kow)   |
| Log Pow                            | Partition coefficient n-octanol/water (Log Pow)   |
| MAK                                | maximum workplace concentration   |
| OSHA                               | Occupational Safety & Health Administration   |
| PBT                                | Persistent Bioaccumulative Toxic  |
| PNEC                               | Predicted No-Effect Concentration   |
| PPE                                | Personal protection equipment   |
| RID                                | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| TF                                 | Technical function  |
| TWA                                | Time Weighted Average   |
| UFI                                | Unique Formula Identifier   |
| vPvB                               | Very Persistent and Very Bioaccumulative  |

# EXO 49 MoS2 RUST REMOVER 500 ML

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 114576-0083

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADG                         | Transport of Australian Dangerous Goods   |
| DOT                         | Department of Transport   |
| GHS                         | Globally Harmonized System of Classification, Labelling and Packaging of Chemicals                  |
| IBC-Code                    | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| MARPOL 73/78                | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships                   |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006   |
| TDG                         | Transportation of Dangerous Goods   |

Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Aerosol 1                           | Aerosol, Category 1  |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2      |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3      |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H222                                | Extremely flammable aerosol.   |
| H225                                | Highly flammable liquid and vapour.                                    |
| H229                                | Pressurised container: May burst if heated.                            |
| H304                                | May be fatal if swallowed and enters airways.                          |
| H336                                | May cause drowsiness or dizziness.                                     |
| H411                                | Toxic to aquatic life with long lasting effects.                       |
| H412                                | Harmful to aquatic life with long lasting effects.                     |
| EUH066                              | Repeated exposure may cause skin dryness or cracking.                  |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |           |                       |
|---|-----------|-----------------------|
| Aerosol 1   | H222;H229 | On basis of test data |
| Aquatic Chronic 3   | H412      | Calculation method    |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.