



Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Date of issue: 18/11/2014 Revision date: 27/03/2024 Version: 1.8

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

1.1. Product identifier

Product form : Mixture
Product name : Exodoss PG
UFI : VPPF-4TJT-N50Q-NN87
Type of product : Aqueous solution.

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

Relevant identified uses

Main use category : Consumer use, Professional use, Industrial use
Industrial/Professional use spec : Wide dispersive use
Use of the substance/mixture : anionic surfactants

1.3. Details of the supplier of the safety data sheet

EOC Italia, branch of EOC Belgium
Via Famiglia Iona 25
IT 13100 Vercelli
Italy
T +390161394695, F +390161393907
reach@eocgroup.com, www.eocgroup.com

1.4. Emergency telephone number

Emergency number : +390161394695

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|--------------|---|--|------------------|--|
| Austria | Vergiftungsinformationszentrale | Stubenring 6 1010 Vienna | +43 1 406 43 43 | |
| Belgium | Centre Anti-Poisons/Antigifcentrum c/o Hôpital Militaire Reine Astrid | Rue Bruyn 1 1120 Brussels | +32 70 245 245 | Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee) |
| Bulgaria | Национален токсикологичен информационен център Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов" | бул. Ген. Едуард И. Тотлебен 21 1606 Sofia | +359 2 9154 233 | The phone is active 24/7 and calls to it are free |
| Croatia | Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada | Ksaverska Cesta 2 p.p. 291 10000 Zagreb | +385 1 234 8342 | Information available 24/7 in Croatian and English |
| Cyprus | Κέντρου Δηλητηριάσεων | Nicosia | 1401 | Operating hours 24 hours / 24 hours, 7 days a week |

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|----------------|---|---|--|--|
| Czech Republic | Toxikologické informační středisko Klinika pracovního lékařství VFN a 1. LF UK | Na Bojišti 1 120 00 Prague | +420 224 919 293 +420 224 915 402 | and only in the event of a malfunction, phone 725 103 658 (otherwise there may not be a toxicologist on this phone!) Questions about ACUTE INTOXICATION of people and animals are dealt with exclusively on TIS direct telephone lines 24 hours a day |
| Denmark | Gifflinjen Bispebjerg Hospital | Bispebjerg Bakke 23E Opgang 20 C 2400 Copenhagen | +45 82 12 12 12 | |
| Estonia | Mürgistusteabekeskus Terviseamet | Paldiski mnt 81 10614 | 16662 +372 7943 794 | Calling the hotline is anonymous and at the cost of a local call. |
| Finland | Myrkytystietokeskus | Stenbäckinkatu 9 PO BOX 100 00029 Helsinki | +358 800 147 111 +358 9 471 977 | Open 24 hours a day 0800 147 111 (free of charge) 09 471 977 (normal rate call) |
| France | Centre antipoison de Nancy CHRU de Nancy, Hôpital Central | 29 avenue du Maréchal de Lattre-de-Tassigny 54035 Nancy Cedex | +33 3 83 22 50 50 | |
| Germany | Giftnotruf der Charité - Universitätsmedizin Berlin CBF, Haus VIII (Wirtschaftsgebäude), UG | Hindenburgdamm 30 12203 | +49 (0) 30 19240 | |
| Greece | Poisons Information Centre Children's Hospital P&A Kyriakou | 11762 | +30 21 07 79 37 77 | |
| Iceland | Eitrunarmiðstöð Landspítali | 101 Reykjavik | +354 543 22 22 +354 543 10 00 | Around the clock, every day |
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| Italy | Centro Antiveleni di Roma CAV Policlinico "Umberto I", Università di Roma | Viale del Policlinico, 155 00161 Rome | +39 06 4997 8000 | |
| Latvia | Valsts ugunsdzēsības un glābšanas dienests Toksikoloģijas un sepses klīnikas Saindēšanās un zāļu informācijas centrs | Hipokrāta 2 1038 Riga | 112 +371 67 04 24 73 | works 24 hours a day |
| Lithuania | Apsinuodijimų informacijos biuras | Šiltnamių g. 29 04130 Vilnius | +370 (85) 236 20 52 | |

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|--------------|---|--|---|--|
| Luxembourg | Centre Anti-Poisons/Antigifocentrum c/o Hôpital Central de la Base - Reine Astrid | Rue Bruyn 1 1120 | +352 8002 5500 | Free telephone number with a 24/7 access. Experts answer all urgency questions on dangerous products in French, Dutch and English |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital Msida MSD 2090 Msida | +356 2545 6508 | |
| Netherlands | Nationaal Vergiftigingen Informatie Centrum (NVIC) | Huispostnummer Q03.2.315 Postbus 85500 3508 GA Utrecht | +31 88 755 80 00 | Only for the purpose of informing medical personnel in cases of acute intoxications (24 hours a day, 7 days a week) |
| Norway | Giftinformasjonen | Folkehelseinstituttet Postboks 222 Skøyen 0213 Oslo | +47 22 59 13 00 | Operating hours 24 hours / 24 hours, 7 days a week |
| Poland | Pomorskie Centrum Toksykologii | Ul. Kartuska 4/6 80-104 Gdańsk | +48 58 682 04 04 +48 512 069 737 | |
| Portugal | Centro de Informação Antivenenos Instituto Nacional de Emergência Médica | Rua Almirante Barroso, 36 1000-013 | +351 800 250 250 | |
| Romania | Spitalul Clinic de Urgenta Bucuresti Secția Clinică ATI II - Toxicologie Clinică | Calea Floreasca nr. 8 sector 1 Bucharest | +40 (021) 599 23 00 | |
| Slovakia | Národné toxikologické informačné centrum Univerzitná nemocnica Bratislava, pracovisko Kramáre, Klinika pracovného lekárstva a toxikológie | Limbová 5 833 05 Bratislava | +421 2 54 77 41 66 +421 911 166 066 | |
| Slovenia | Center za klinično toksikologijo in farmakologijo Univerzitetni klinični, Center Ljubljana | Zaloška 7 1000 Ljubljana | 112 | |
| Spain | Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Madrid | C/José Echegaray nº4 28232 Las Rozas de Madrid | +34 91 562 04 20 +34 91 411 26 76 (teléfono solo para médicos) | (Toxicological emergencies only). Information in Spanish (24/7) |
| Sweden | Giftinformationscentralen | Solna Strandväg 21 171 54 Solna | 112 – begär Giftinformation | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

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

Adverse physicochemical, human health and environmental effects

No additional information available

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

CLP Signal word :

Danger

Contains :

diethylhexyl sodium sulfosuccinate

Hazard statements (CLP) :

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

Precautionary statements (CLP) :

P264 - Wash hands, forearms and face thoroughly after handling.

P280 - Wear eye protection, protective clothing, protective gloves.

P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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] |
|---|--|-----------|---|
| diethylhexyl sodium sulfosuccinate | CAS-No.: 577-11-7 EC-No.: 209-406-4 REACH-no: 01-2119491296-29 | ≥ 50 | Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| propylene glycol substance with national workplace exposure limit(s) (GB, LT, PL) | CAS-No.: 57-55-6 EC-No.: 200-338-0 REACH-no: 01-2119456809-23 | 5 – 10 | Not classified |

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 :

Check the vital functions. If unconscious place in recovery position and seek medical advice. In case of respiratory arrest, administer artificial respiration. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Take victim to a doctor if irritation persists.

First-aid measures after inhalation :

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Respiratory problems: consult a doctor/medical service.

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| | |
|---------------------------------------|--|
| First-aid measures after skin contact | : Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists. Wash with plenty of water. |
| First-aid measures after eye contact | : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do not apply (chemical) neutralizing agents. In case of eye irritation consult an ophthalmologist. |
| First-aid measures after ingestion | : Rinse mouth thoroughly with water. In case of ingestion. Take to hospital. |

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

| | |
|-------------------------------------|----------------------------|
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Eye damage / irritation. |

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

If exposed or concerned, get medical advice and attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water. Carbon dioxide (CO ₂). sand. All extinguishing media can be used. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|------------------|---------------|
| Fire hazard | : Low. |
| Explosion hazard | : None known. |

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Precautionary measures fire | : Keep upwind. Do not inhale explosion and combustion gases. |
| Firefighting instructions | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. |
| Protection during firefighting | : Wear a self-contained breathing apparatus and chemical protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

| | |
|----------------------|---|
| Protective equipment | : Gloves. face shield. protective clothing. Contact with walking surface may result in formation of slippery film/falling hazard. |
| Emergency procedures | : Wash contaminated clothing immediately. Keep public away from danger area. |

For emergency responders

| | |
|----------------------|---|
| Protective equipment | : Wear protective gloves/protective clothing and eye/face protection. |
| Emergency procedures | : Avoid contact with skin, eyes and clothes. |

6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Contain leaking substance, pump over in suitable containers. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. |
| Methods for cleaning up | : Contain leaking substance, pump over in suitable containers. Clean up any spills as soon as possible, using an absorbent material to collect it. Collect in closed and suitable containers for disposal. To clean the floor and all objects contaminated by this material, use plenty of water. Take off contaminated clothing. |
| Other information | : Comply with local regulations for disposal. |

6.4. Reference to other sections

Disposal: see section 13.

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|---|
| Precautions for safe handling | : Comply with applicable regulations. Remove contaminated clothing immediately. Clean contaminated objects and areas thoroughly observing environmental regulations. Keep away from sources of ignition - No smoking. Handle in accordance with good industrial hygiene and safety procedures. Discharge into the environment must be avoided. Keep container tightly closed. Either local exhaust or general room ventilation is usually required. |
| Hygiene measures | : Handle in accordance with good industrial hygiene and safety procedures. Use good personal hygiene practices. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|---------------------|--|
| Technical measures | : Clean bulk tanks periodically to prevent accumulation of bacteria. |
| Storage conditions | : Protect against: frost. Protect against direct sunlight. |
| Storage temperature | : see technical datasheet |
| Storage area | : Store in a dry area. Comply with applicable regulations. Collect spillage. |
| Packaging materials | : Plastic. |

7.3. Specific end use(s)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

| propylene glycol (57-55-6) | |
|--|--|
| Lithuania - Occupational Exposure Limits | |
| Local name | Propilenglikolis |
| IPRV (OEL TWA) | 7 mg/m ³ |
| Regulatory reference | LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12) |
| Poland - Occupational Exposure Limits | |
| Local name | Propano-1,2-diol |
| NDS (OEL TWA) | 100 mg/m ³ pary i frakcja wdychalna |
| Remark | Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia. |
| Regulatory reference | Dz. U. 2018 poz. 1286 |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Propane-1,2-diol |
| WEL TWA (OEL TWA) | 10 mg/m ³ particulates 474 mg/m ³ total vapour and particulates 150 ppm total vapour and particulates |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| Norway - Occupational Exposure Limits | |
| Local name | Propan-1,2-diol |
| Grønseverdi (OEL TWA) | 79 mg/m ³ |

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| propylene glycol (57-55-6) | |
|----------------------------|---------------------|
| | 25 ppm |
| Regulatory reference | FOR-2021-06-28-2248 |

DNEL and PNEC

| diethylhexyl sodium sulfosuccinate (577-11-7) | |
|---|-----------------------------|
| DNEL/DMEL (Workers) | |
| Long-term - systemic effects, dermal | 267,86 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 1889,1 mg/m ³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects, oral | 17,86 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 559,01 mg/m ³ |
| Long-term - systemic effects, dermal | 160,71 mg/kg bodyweight/day |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 0,18 mg/l |
| PNEC aqua (marine water) | 0,018 mg/l |
| PNEC aqua (intermittent, freshwater) | 0,152 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 17789 mg/kg dwt |
| PNEC sediment (marine water) | 17789 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 1,04 mg/kg dwt |
| PNEC (STP) | |
| PNEC sewage treatment plant | 12,2 mg/l |

Safe handling : see section 7
Additional information : To date, no national critical limit values exist.

8.2. Exposure controls

Personal protection equipment

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Safety glasses (EN 166)

Skin protection

Skin and body protection:

Avoid contact with skin.

Hand protection:

Nitrile rubber gloves (thickness: 0.38mm)

Respiratory protection

Respiratory protection:

Not applicable

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Environmental exposure controls

Environmental exposure controls:

Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Colour | : Colourless. |
| Appearance | : as liquid. |
| Odour | : characteristic. |
| Odour threshold | : Inconclusive |
| Melting point | : Not available |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Not flammable |
| Explosive properties | : None. |
| Oxidising properties | : None. |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : Not available |
| pH | : ca. 6 |
| Viscosity, kinematic | : Not available |
| Viscosity, dynamic | : 0 – 800 mPa·s BROOKFIELD RVF 2/20 @ 20°C |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : No available data |
| Vapour pressure at 50°C | : Not available |
| Density | : 1,08 kg/l @ 20°C |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

Other safety characteristics

Other properties : No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with : Strong acids.

10.2. Chemical stability

SECTION 7: Handling and storage.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

SECTION 7: Handling and storage.

10.5. Incompatible materials

Strong acids. Materials that react violently or explosively with water.

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

10.6. Hazardous decomposition products

On burning: release of (highly) toxic gases/vapours. Nitrogen oxides (NOx).

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)

diethylhexyl sodium sulfosuccinate (577-11-7)

| | |
|--------------------|--|
| LD50 oral rat | 3000 mg/kg |
| LD50 dermal rabbit | > 10000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

propylene glycol (57-55-6)

| | |
|--------------------|--------------|
| LD50 oral rat | 22000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

Skin corrosion/irritation : Causes skin irritation.
pH: ca. 6

propylene glycol (57-55-6)

| | |
|----|-----------|
| pH | 5,5 – 8,5 |
|----|-----------|

Serious eye damage/irritation : Causes serious eye damage.
pH: ca. 6

Additional information : Test result:
Bovine eye/corneal
10% aqueous solution of Eurowet PG70
not corrosive

propylene glycol (57-55-6)

| | |
|----|-----------|
| pH | 5,5 – 8,5 |
|----|-----------|

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)

diethylhexyl sodium sulfosuccinate (577-11-7)

| | |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|---|

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

11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : 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 %

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

| diethylhexyl sodium sulfosuccinate (577-11-7) | |
|---|--|
| LC50 - Fish [1] | 49 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1] | 15,2 mg/l |
| ErC50 algae | 82,5 mg/l |
| NOEC chronic crustacea | 9 mg/l |
| NOEC chronic algae | 22 mg/l |

| propylene glycol (57-55-6) | |
|----------------------------|------------|
| LC50 - Fish [1] | 40613 mg/l |
| EC50 - Crustacea [1] | 4000 mg/l |
| EC50 96h - Algae [1] | 19000 mg/l |
| ErC50 algae | 19000 mg/l |

12.2. Persistence and degradability

| Exodoss PG | |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |

| diethylhexyl sodium sulfosuccinate (577-11-7) | |
|---|--|
| Persistence and degradability | This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. |
| Biodegradation | 91 % OECD 310 |

| propylene glycol (57-55-6) | |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
| Biodegradation | 81 % OECD 301F |

12.3. Bioaccumulative potential

| diethylhexyl sodium sulfosuccinate (577-11-7) | |
|---|---|
| Partition coefficient n-octanol/water (Log Kow) | 2 |

| propylene glycol (57-55-6) | |
|---|-------|
| Bioconcentration factor (BCF REACH) | 0,09 |
| Partition coefficient n-octanol/water (Log Pow) | -1,07 |

12.4. Mobility in soil

No additional information available

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.5. Results of PBT and vPvB assessment

Exodoss PG

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : 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 %.

12.7. Other adverse effects

Additional information : No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Waste disposal according to EC directives 75/442/EC, 91/689/EC and 2008/98/EC in the corresponding versions, covering waste and dangerous waste.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. This material should not be landfilled or deep well injected as a method of disposal. Recycled/recovered. Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.

Ecological waste information : Avoid release to the environment.

SECTION 14: Transport information

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

14.1. UN number or ID number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

ADN
Transport hazard class(es) (ADN) : Not applicable

RID
Transport hazard class(es) (RID) : Not applicable

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

14.4. Packing group

| | |
|----------------------|------------------|
| Packing group (ADR) | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN) | : Not applicable |
| Packing group (RID) | : Not applicable |

14.5. Environmental hazards

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

No available data

Transport by sea

No available data

Air transport

No available data

Inland waterway transport

No available data

Rail transport

No available data

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

EU-Regulations

Other information, restriction and prohibition regulations : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010. Labelling according to Regulation (EC) No. 1272/2008 [CLP]. Other regulations (EU). Not applicable.

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)

| Reference code | Applicable on |
|----------------|---------------|
| 3(b) | Exodoss PG |

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 $\geq 0,1$ % / SCL

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (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 (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)

National regulations

To date, no national critical limit values exist.

France

| Occupational diseases | |
|-----------------------|---|
| Code | Description |
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).
Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed
SZW-lijst van mutagene stoffen : None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

A chemical safety assessment has been carried out

SECTION 16: Other information

| Indication of changes | | |
|-----------------------|--------------|----------|
| Section | Changed item | Comments |
| 8 | | Modified |

Full text of H- and EUH-statements:

| | |
|---------------|---|
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|---------------|------|--------------------|
| Skin Irrit. 2 | H315 | Calculation method |
|---------------|------|--------------------|

Exodoss PG

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|------------|------|--------------------|
| Eye Dam. 1 | H318 | Calculation method |
|------------|------|--------------------|

Safety Data Sheet (SDS), EU

All recommendations for the use of our products, whether given by us , orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations the user is responsible that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely responsible for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights