



ИНДУСТРИАЛНА ХИМИЯ ЕООД

HYPOSEPT DM

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 7/22/2019 Revision date: 5/8/2024 Supersedes version of: 7/22/2019 Version: 1.2

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

1.1. Product identifier

Product form : Mixture
Product name : HYPOSEPT DM
Type of product : Disinfectant

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance/mixture : Disinfectant for Food Industry with active chlorine and foam

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

"Индустириална Химия" ЕООД
2137 Долно Камарци, РЕПУБЛИКА БЪЛГАРИЯ, област Софийска
БЪЛГАРИЯ
Т +359 88 759 2190
info@himia.bg, <http://www.himia.bg/>
E-mail address of competent person responsible for the SDS : cgs@himia.bg

1.4. Emergency telephone number

Emergency number : Европейски номер за спешни повиквания: 112

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 1 H314
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS09

Signal word (CLP) : Danger
Contains : sodium hydroxide; caustic soda; Sodium hypochlorite solution, 3,8% active chlorine
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.
H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

HYPOSEPT DM

Safety Data Sheet

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

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391 - Collect spillage.

EUH-statements

: EUH031 - Contact with acids liberates toxic gas.

EUH208 - Contains tosylchloramide sodium(127-65-1). May produce an allergic reaction.

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/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

| Component | |
|---|--|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | DECYL GLUCOSIDE (68515-73-1), LAURAMINE OXIDE (308062-28-4), sodium hydroxide; caustic soda (1310-73-2), tosylchloramide sodium (127-65-1), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | DECYL GLUCOSIDE (68515-73-1), LAURAMINE OXIDE (308062-28-4), sodium hydroxide; caustic soda (1310-73-2), tosylchloramide sodium (127-65-1), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) |

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 is 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

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|------------|--|
| sodium hydroxide; caustic soda | CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27 | ≤ 25 | Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 |
| LAURAMINE OXIDE | CAS-No.: 308062-28-4 EC-No.: 931-292-6 REACH-no: 01-2119490061-47 | < 8 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| Sodium hypochlorite solution, 3,8% active chlorine | CAS-No.: 7681-52-9 EC-No.: 231-668-3 EC Index-No.: 017-011-00-1 REACH-no: 01-2119488154-34 | ≤ 3.8 | Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411 |
| DECYL GLUCOSIDE | CAS-No.: 68515-73-1 REACH-no: 01-2119488530-36 | < 2 | Skin Corr. 1A, H314 Eye Dam. 1, H318 |
| tosylchloramide sodium | CAS-No.: 127-65-1 EC-No.: 204-854-7 EC Index-No.: 616-010-00-9 | < 0.3 | Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Resp. Sens. 1, H334 |

HYPOSEPT DM

Safety Data Sheet

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

| Specific concentration limits: | | |
|--|---|---|
| Name | Product identifier | Specific concentration limits (%) |
| sodium hydroxide; caustic soda | CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27 | (0.5 ≤ C < 2) Skin Irrit. 2, H315 (0.5 ≤ C < 2) Eye Irrit. 2, H319 (2 ≤ C < 5) Skin Corr. 1B, H314 (5 ≤ C < 100) Skin Corr. 1A, H314 |
| Sodium hypochlorite solution, 3,8% active chlorine | CAS-No.: 7681-52-9 EC-No.: 231-668-3 EC Index-No.: 017-011-00-1 REACH-no: 01-2119488154-34 | (5 ≤ C < 100) EUH031 |

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. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion | : Rinse mouth. Do not induce vomiting. Call a physician immediately. |

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

| | |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Burns. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |
| Symptoms/effects after ingestion | : Burns. |

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. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| 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

6.1.1. For non-emergency personnel

| | |
|----------------------|---|
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. |
|----------------------|---|

HYPOSEPT DM

Safety Data Sheet

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

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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

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. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. 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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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:

Gloves. Protective goggles. Protective clothing.

HYPOSEPT DM

Safety Data Sheet

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

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

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 | : Yellow. |
| Appearance | : Liquid. |
| Odour | : Chlorine. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Not applicable |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : ≈ 13 |
| pH solution | : 1 % |
| Viscosity, kinematic | : Not available |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : 1.17 – 1.19 g/cm ³ |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

HYPOSEPT DM

Safety Data Sheet

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

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Acids.

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)

| DECYL GLUCOSIDE (68515-73-1) | |
|---|---------------------|
| LD50 oral rat | > 2000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |
| sodium hydroxide; caustic soda (1310-73-2) | |
| LD50 oral | 500 mg/kg (rabbit) |
| tosylchloramide sodium (127-65-1) | |
| LD50 oral rat | 200 – 2000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |
| LC50 Inhalation - Rat | > 0.275 mg/l/4h |
| Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) | |
| LD50 oral rat | 1100 mg/kg |
| LD50 oral | 8200 mg/kg (rabbit) |
| LD50 dermal rabbit | 20000 mg/kg |

Skin corrosion/irritation : Causes severe skin burns.
pH: ≈ 13

HYPOSEPT DM

Safety Data Sheet

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

| DECYL GLUCOSIDE (68515-73-1) | |
|--|-------------|
| pH | 11.5 – 12.5 |
| tosylchloramide sodium (127-65-1) | |
| pH | ≈ 10.8 |
| Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) | |
| pH | 13 – 14 |

Serious eye damage/irritation : Assumed to cause serious eye damage
pH: ≈ 13

| DECYL GLUCOSIDE (68515-73-1) | |
|--|-------------|
| pH | 11.5 – 12.5 |
| tosylchloramide sodium (127-65-1) | |
| pH | ≈ 10.8 |
| Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) | |
| pH | 13 – 14 |

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)

| DECYL GLUCOSIDE (68515-73-1) | |
|------------------------------|---|
| NOAEL (animal/male, F0/P) | 1000 mg/kg bodyweight |
| 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) |

| LAURAMINE OXIDE (308062-28-4) | |
|--|--|
| LOAEL (dermal, rat/rabbit, 90 days) | 0.045 mg/kg bodyweight/day |
| NOAEL (oral, rat, 90 days) | 88 mg/kg bodyweight/day |
| Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) | |
| NOAEL (oral, rat, 90 days) | 50 mg/kg bodyweight/day |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

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

| tosylchloramide sodium (127-65-1) | |
|-----------------------------------|----------------|
| Viscosity, kinematic | Not applicable |

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

HYPOSEPT DM

Safety Data Sheet

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

| DECYL GLUCOSIDE (68515-73-1) | |
|---|---|
| LC50 - Fish [1] | 126 mg/l |
| EC50 - Crustacea [1] | > 100 mg/l |
| EC50 72h - Algae [1] | 27.22 mg/l <i>Scenedesmus subspicatus</i> |
| NOEC chronic fish | 1.8 mg/l 28d - <i>Branchydanio rerio</i> |
| LAURAMINE OXIDE (308062-28-4) | |
| LC50 - Fish [1] | 2.67 mg/l |
| LC50 - Other aquatic organisms [1] | 0.143 mg/l |
| NOEC chronic algae | 0.067 mg/l |
| sodium hydroxide; caustic soda (1310-73-2) | |
| LC50 - Fish [1] | > 35 mg/l |
| tosylchloramide sodium (127-65-1) | |
| LC50 - Fish [1] | ≈ 25.3 mg/l |
| LC50 - Other aquatic organisms [1] | ≈ 6.42 mg/l |
| Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) | |
| LC50 - Fish [1] | 0.06 mg/l |
| LC50 - Other aquatic organisms [1] | ≈ 0.035 mg/l |
| EC50 - Crustacea [1] | 0.141 mg/l |
| NOEC chronic fish | ≈ 0.08 mg/l |

12.2. Persistence and degradability

| HYPOSEPT DM | |
|---|---|
| Persistence and degradability | Product is biodegradable. |
| DECYL GLUCOSIDE (68515-73-1) | |
| Persistence and degradability | Product is biodegradable. |
| LAURAMINE OXIDE (308062-28-4) | |
| Persistence and degradability | Product is biodegradable. |
| sodium hydroxide; caustic soda (1310-73-2) | |
| Persistence and degradability | Rapidly degradable |
| Chemical oxygen demand (COD) | 10 g O ₂ /g substance |
| tosylchloramide sodium (127-65-1) | |
| Persistence and degradability | Product is biodegradable. |
| Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) | |
| Persistence and degradability | Biodegradability in water: no data available. |

12.3. Bioaccumulative potential

| HYPOSEPT DM | |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

HYPOSEPT DM

Safety Data Sheet

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

| DECYL GLUCOSIDE (68515-73-1) | |
|--|------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.07 at 40 C |
| LAURAMINE OXIDE (308062-28-4) | |
| Bioaccumulative potential | Not established. |
| sodium hydroxide; caustic soda (1310-73-2) | |
| Bioaccumulative potential | Not established. |
| tosylchloramide sodium (127-65-1) | |
| BCF - Fish [1] | 2.5 |
| Partition coefficient n-octanol/water (Log Pow) | 0.07 |
| Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) | |
| Partition coefficient n-octanol/water (Log Pow) | 0 |
| Partition coefficient n-octanol/water (Log Kow) | -3.42 |
| Bioaccumulative potential | No bioaccumulation data available. |

12.4. Mobility in soil

| DECYL GLUCOSIDE (68515-73-1) | |
|--|-------------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.7 at 25 C |
| tosylchloramide sodium (127-65-1) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.527 |

12.5. Results of PBT and vPvB assessment

| HYPOSEPT DM | |
|---|--|
| 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 | |
| Component | |
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | DECYL GLUCOSIDE (68515-73-1), LAURAMINE OXIDE (308062-28-4), sodium hydroxide; caustic soda (1310-73-2), tosylchloramide sodium (127-65-1), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | DECYL GLUCOSIDE (68515-73-1), LAURAMINE OXIDE (308062-28-4), sodium hydroxide; caustic soda (1310-73-2), tosylchloramide sodium (127-65-1), Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9) |

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

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.






HYPOSEPT DM

Safety Data Sheet

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

SECTION 14: Transport information

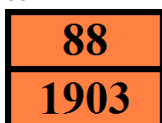
In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|--|---|--|
| 14.1. UN number or ID number | | | | |
| UN 1903 | UN 1903 | UN 1903 | UN 1903 | UN 1903 |
| 14.2. UN proper shipping name | | | | |
| DISINFECTANT, LIQUID, CORROSIVE, N.O.S. | DISINFECTANT, LIQUID, CORROSIVE, N.O.S. | Disinfectant, liquid, corrosive, n.o.s. | DISINFECTANT, LIQUID, CORROSIVE, N.O.S. | DISINFECTANT, LIQUID, CORROSIVE, N.O.S. |
| Transport document description | | | | |
| UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S., 8, I, (E), ENVIRONMENTALLY HAZARDOUS | UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S., 8, I, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1903 Disinfectant, liquid, corrosive, n.o.s., 8, I, ENVIRONMENTALLY HAZARDOUS | UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S., 8, I, ENVIRONMENTALLY HAZARDOUS | UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S., 8, I, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es) | | | | |
| 8 | 8 | 8 | 8 | 8 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| I | I | I | I | I |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes Marine pollutant: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

| | |
|---|-------------|
| Classification code (ADR) | : C9 |
| Special provisions (ADR) | : 274 |
| Limited quantities (ADR) | : 0 |
| Excepted quantities (ADR) | : E0 |
| Packing instructions (ADR) | : P001 |
| Mixed packing provisions (ADR) | : MP8, MP17 |
| Tank code (ADR) | : L10BH |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 1 |
| Special provisions for carriage - Operation (ADR) | : S20 |
| Hazard identification number (Kemler No.) | : 88 |
| Orange plates | : |



Tunnel restriction code (ADR) : E

Transport by sea

| | |
|-----------------------------|--------|
| Special provisions (IMDG) | : 274 |
| Packing instructions (IMDG) | : P001 |
| EmS-No. (Fire) | : F-A |

HYPOSEPT DM

Safety Data Sheet

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

EmS-No. (Spillage) : S-B
Stowage category (IMDG) : B
Properties and observations (IMDG) : A wide variety of corrosive liquids. Causes burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Forbidden
PCA limited quantity max net quantity (IATA) : Forbidden
PCA packing instructions (IATA) : 850
PCA max net quantity (IATA) : 0.5L
CAO packing instructions (IATA) : 854
CAO max net quantity (IATA) : 2.5L
Special provisions (IATA) : A3, A803
ERG code (IATA) : 8L

Inland waterway transport

Classification code (ADN) : C9
Special provisions (ADN) : 274
Limited quantities (ADN) : 0
Excepted quantities (ADN) : E0
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : C9
Special provisions (RID) : 274
Limited quantities (RID) : 0
Excepted quantities (RID) : E0
Packing instructions (RID) : P001
Mixed packing provisions (RID) : MP8, MP17
Tank codes for RID tanks (RID) : L10BH
Special provisions for RID tanks (RID) : TU38, TE22
Transport category (RID) : 1
Hazard identification number (RID) : 88

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)

| EU restriction list (REACH Annex XVII) | | |
|--|--|---|
| Reference code | Applicable on | Entry title or description |
| 3(b) | HYPOSEPT DM ; DECYL GLUCOSIDE ; LAURAMINE OXIDE ; Sodium hypochlorite solution, 3,8% active chlorine | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 3(c) | HYPOSEPT DM ; LAURAMINE OXIDE ; Sodium hypochlorite solution, 3,8% active chlorine | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 |

HYPOSEPT DM

Safety Data Sheet

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

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 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)

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)

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

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| EUH031 | Contact with acids liberates toxic gas. |
| EUH208 | Contains tosylchloramide sodium(127-65-1). May produce an allergic reaction. |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

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Full text of H- and EUH-statements:

| | |
|---------------|--|
| Resp. Sens. 1 | Respiratory sensitisation, Category 1 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |

Safety Data Sheet (SDS), EU

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 not therefore be construed as guaranteeing any specific property of the product.