



# HYPOSEPT DM

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 22.7.2019 r. Revision date: 22.6.2025 r. Supersedes version of: 17.5.2024 r. Version: 1.4

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : HYPOSEPT DM  
UFI : WC00-T01G-Q00S-F8QW  
Type of product : Disinfectant

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

##### Relevant identified uses

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

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

##### Manufacturer

Industrialna himia EOOD  
Sofia Region  
2137 Dolno Kamartsi  
BULGARIA  
T +359 88 759 2190  
[cgs@himia.bg](mailto:cgs@himia.bg); [info@himia.bg](mailto:info@himia.bg); [www.himia.bg](http://www.himia.bg)  
E-mail address of competent person responsible for the SDS : [info@himia.bg](mailto:info@himia.bg)

#### 1.4. Emergency telephone number

Emergency number : European emergency number: 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  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410  
Full text of H- and EUH-statements: see section 16

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

May cause damage to organs through prolonged or repeated exposure. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

GHS08

GHS09

Signal word (CLP)

: Danger

Contains

: Sodium hypochlorite solution, 3,8% active chlorine

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H410 - Very toxic 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

Precautionary statements (CLP)	: P280 - Wear protective clothing, eye protection, face protection, protective gloves. P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER. P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a doctor. 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 doctor. P314 - Get medical advice/attention if you feel unwell. 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 and/or 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 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]
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	28 – 29	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
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	10,5 – 11,5	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	5 – 9,5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
DECYL GLUCOSIDE	CAS-No.: 68515-73-1 REACH-no: 01-2119488530-36	0,9 – 1,1	Skin Corr. 1, H314 Eye Dam. 1, H318

# HYPOSEPT DM

## Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
tosylchloramide sodium	CAS-No.: 127-65-1 EC-No.: 204-854-7 EC Index-No.: 616-010-00-9	0,19 – 0,21	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Resp. Sens. 1, H334

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
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
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

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.
First-aid measures for first aider	: First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation	: None under normal conditions.
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.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

# HYPOSEPT DM

## Safety Data Sheet

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

### 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. |
| 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. Absorb spillage to prevent material damage. |
|------------------|---|---|

#### For non-emergency personnel

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

#### 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.

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

- |                         |   |   |
|-------------------------|---|---|
| For containment         | : | Collect spillage. 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 | : | 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

- |                                   |   |   |
|-----------------------------------|---|---|
| Additional hazards when processed | : | Not expected to present a significant hazard under anticipated conditions of normal use.  |
| Precautions for safe handling     | : | Ensure good ventilation of the work station. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. 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

- |                     |   |   |
|---------------------|---|---|
| Technical measures  | : | Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions  | : | Store locked up.  |
| Packaging materials | : | Store always product in container of same material as original container. |

### 7.3. Specific end use(s)

No additional information available

# HYPOSEPT DM

## Safety Data Sheet

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

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protection equipment

###### Personal protective equipment:

Gloves. Protective goggles. Protective clothing.

###### Personal protective equipment symbol(s):



##### Eye and face protection

###### Eye protection:

Safety glasses

##### Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Protective gloves

##### Respiratory protection

###### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### 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	: Non flammable.
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.

# HYPOSEPT DM

## Safety Data Sheet

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

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 <sup>3</sup>
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

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)

# HYPOSEPT DM

## Safety Data Sheet

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

### Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

LD50 dermal rabbit	20000 mg/kg
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Skin corrosion/irritation	: Causes severe skin burns. pH: $\approx$ 13
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### DECYL GLUCOSIDE (68515-73-1)

pH	11,5 – 12,5
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### tosylchloramide sodium (127-65-1)

pH	$\approx$ 10,8
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### Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

pH	13 – 14
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Serious eye damage/irritation	: Assumed to cause serious eye damage pH: $\approx$ 13
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### DECYL GLUCOSIDE (68515-73-1)

pH	11,5 – 12,5
----	-------------

### tosylchloramide sodium (127-65-1)

pH	$\approx$ 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
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STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.

### LAURAMINE OXIDE (308062-28-4)

LOAEL (dermal, rat/rabbit, 90 days)	0,045 mg/kg bodyweight/day
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NOAEL (oral, rat, 90 days)	88 mg/kg bodyweight/day
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### Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight/day
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STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
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### tosylchloramide sodium (127-65-1)

Viscosity, kinematic	Not applicable
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### Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

Viscosity, kinematic	2,314 – 2,478 mm <sup>2</sup> /s
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## 11.2. Information on other hazards

No additional information available

# HYPOSEPT DM

## 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 : Very toxic 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) : Very toxic to aquatic life with long lasting effects.

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 <sub>2</sub> /g substance

tosylchloramide sodium (127-65-1)	
Persistence and degradability	Product is biodegradable.



# HYPOSEPT DM

## Safety Data Sheet

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

### Sodium hypochlorite solution, 3,8% active chlorine (7681-52-9)

Persistence and degradability	Biodegradability in water: no data available.
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### 12.3. Bioaccumulative potential

#### HYPOSEPT DM

Bioaccumulative potential	No bioaccumulation data available.
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#### DECYL GLUCOSIDE (68515-73-1)

Partition coefficient n-octanol/water (Log Pow)	-0,07 at 40 C
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#### LAURAMINE OXIDE (308062-28-4)

Bioaccumulative potential	Not established.
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#### sodium hydroxide; caustic soda (1310-73-2)

Bioaccumulative potential	Not established.
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#### 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
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#### tosylchloramide sodium (127-65-1)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,527
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### 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

# HYPOSEPT DM

## Safety Data Sheet

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

### 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	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

## SECTION 14: Transport information

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

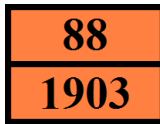
ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 1903	UN 1903	UN 1903	UN 1903	UN 1903
<b>14.2. UN proper shipping name</b>				
DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	Disinfectant, liquid, corrosive, n.o.s.	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
<b>Transport document description</b>				
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
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				
<b>14.4. Packing group</b>				
I	I	I	I	I
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				
<b>14.6. Special precautions for user</b>				
<b>Overland transport</b>				
Classification code (ADR)	: C9			
Special provisions (ADR)	: 274			
Limited quantities (ADR)	: 0			
Excepted quantities (ADR)	: E0			

# HYPOSEPT DM

## Safety Data Sheet

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

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
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### Transport by sea

Special provisions (IMDG)	: 274
Packing instructions (IMDG)	: P001
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

# HYPOSEPT DM

## Safety Data Sheet

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

### SECTION 15: Regulatory information

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

##### 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

##### 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 (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

##### 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)

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

##### Abbreviations and acronyms:

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

# HYPOSEPT DM

## Safety Data Sheet

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

Abbreviations and acronyms:	
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
CSA	Chemical safety assessment
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
EN	European Standard
EWC	European waste catalogue
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
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
SDS	Safety Data Sheet
STP	Sewage treatment plant
TF	Technical function
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average

# HYPOSEPT DM

## Safety Data Sheet

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

### Abbreviations and acronyms:

VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	Unique Formula Identifier

### 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 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1	Skin corrosion/irritation, 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
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.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.
EUH208	Contains tosylchloramide sodium(127-65-1). May produce an allergic reaction.

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.