



GRAY WATER FRESH CONCENTRATED

Safety data sheet

in accordance with REACH Regulation (EC) 1907/2006 including amending regulation (EU) 2020/878
Reference number: 30740

Issue date: December 21, 2022 Revision date: December 14, 2022 Replaces version from: March 16, 2020 Version: 1.1

SECTION 1: Identification of the substance or mixture and of the company

1.1. Product identifier

Product shape	: Mixture
Trade name	: GRAY WATER FRESH CONCENTRATED
UFI	: HQEM-1UXC-N80J-9CQU
Product Code	: 30740-TBV
Product Type	: Addition for the gray water tank v. Caravans/motorhomes

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

1.2.1. Relevant identified uses

Intended for the general public	
Main use category	: Consumer use
Use of the substance/mixture	: Addition for the gray water tank v. Caravans/motorhomes
Function or use category	: Cleaning/detergents and additives, odorants

1.2.2. Uses advised against

Limitations of application	: Use only for the purposes for which the product is intended
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1.3. Details of the supplier providing the safety data sheet

Manufacturer

Thetford BV
Nijverheidsweg 29
PO Box 169
NL – 4879 AP Etten-Leur
The Netherlands
T +31(0)765042200 - F +31(0)765042300
ChemSupport@thetford.eu - www.thetford-europe.com
Email address of the competent person responsible for the SDS: sds@thetford.eu

1.4. Emergency number

Emergency number	: Thetford BV : +31 (0)76 5042200 (Available during office hours)
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SECTION 2: Potential Hazards

2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4	H302
Serious eye damage/eye irritation, Category 1 Acute	H318
aquatic hazard, Category 1 Chronic	H400
aquatic hazard, Category 3 Wording of H and	H412
EUH phrases: see section 16	

Harmful physical-chemical, health and environmental effects

No further information available

2.2. Marking elements

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

Hazard pictograms (CLP)



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Signal word (CLP)	: Danger
Contains	: LAURETH-8; Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol
Hazard statements (CLP)	: H302 - Harmful if swallowed. H318 - Causes serious eye damage. H410 - Very toxic for water organisms with long-term effect.
Safety instructions (CLP)	: P101 - If medical advice is needed, have container or label at hand. P102 - Keep out of reach of children. P103 - Read all instructions carefully and follow them. P280 - Wear protective gloves. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. If possible, remove any contact lenses. Continue rinsing. Call a doctor immediately. P391 - Collect spills.
Child-resistant closure	: Not applicable
Tactile danger warning	: Applicable

2.3. Other dangers

Does not contain PBT/vPvB substances > 0.1%, assessed according to REACH Annex XIII

component	
Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)	This substance/mixture does not meet the PBT criteria of the REACH Regulation, Annex XIII.

The mixture does not contain any substances listed due to endocrine disrupting properties in accordance with REACH Article 59(1) or has been prepared in accordance with the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 determined that it does not contain any substances with endocrine-disrupting properties in a concentration of at least 0.1%.

SECTION 3: Composition/information on ingredients

3.1. substances

Not applicable

3.2. Mixtures

Surname	Product identifier %		Classification according to Regulation (EC) No. 1272/2008 [CLP]
LAURETH-8	CAS No.: 68439-50-9 EC No.: 500-213-3	5 – 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol	CAS No.: 52-51-7 EC No.: 200-143-0 EC Index No.: 603-085-00-8	5 – 10	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (inhalation), H331 Skin irritation. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411

Text of H and EUH statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid measures in general : Never give anything orally to an unconscious person. If you feel unwell, seek medical advice (show this label if possible).

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First aid measures after inhalation	: No first aid measures expected. Ensure breathing of fresh air. Let the affected person rest.
First aid measures after skin contact	: Remove contaminated clothing and shoes. Rinse with plenty of water. Wash contaminated clothing before re-wearing. If skin irritation occurs: Get medical help. Get medical advice/attention.
First aid measures after eye contact	: In case of contact with eyes, rinse immediately with clean water for 10 to 15 minutes. Consult a doctor if irritation occurs. Rinse gently with water for a few minutes. If possible, remove any contact lenses. Continue rinsing. Call a POISON CENTER/doctor immediately.
First aid measures after ingestion	: Rinse mouth. If swallowed, seek medical advice immediately and show the container or label. Rinse mouth. DO NOT induce vomiting. Call for emergency medical help. If you feel unwell, call a POISON CENTER/doctor.

4.2. Most important acute and delayed symptoms and effects

Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: Swallowing a small amount of this product will have serious health effects result.

4.3. Indications of immediate medical attention or special treatment

No further information available

SECTION 5: Firefighting measures

5.1. Extinguishing agent

Suitable extinguishing agents	: water spray jet. Foam. Carbon dioxide. Dry extinguishing powder. Sand.
Unsuitable extinguishing agents	: Do not use a strong jet of water.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Material is non-combustible.
Dangerous decomposition products in the event of fire	: Product may produce dangerous smoke and vapor if burned.

5.3. Advice for firefighting

Deletion instructions	: Use a water spray or mist to cool exposed containers. At the Use caution when fighting chemical fires. Avoid (prevent) extinguishing water from entering the environment.
Protection when fighting fires	: We recommend an independent breathing apparatus. Do not enter the fire compartment without adequate protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Wear suitable protective clothing when working. Can be used on firm, smooth walking surfaces be slippery. Remove spills immediately.
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6.1.1. Non-emergency trained staff

Emergency measures	: Evacuate bystanders.
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6.1.2. emergency services

protective gear	: Provide cleaning staff with appropriate protection.
Emergency measures	: Ventilate the environment.

6.2. Environmental protection measures

The product must not enter natural waters and/or groundwater undiluted. The product should be treated (biological treatment plant) before it enters the surface water. Prevent entry into sewers and public waters. If the liquid ends up in sewers or public waters, the authorities must be notified. Avoid release to the environment.

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6.3. Methods and materials for containment and cleaning up

Cleaning procedures : Collect spilled product with sand or absorbent granules and store in one Store containers. Then rinse the contaminated area with water and let it dry. Dispose of according to the procedure mentioned in Section 13. Soak up spills as soon as possible with inert solids such as clay or diatomaceous earth. Collect spills. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Protective measures for safe handling : Avoid contact with eyes and skin. Keep container tightly closed. Wash hands and other exposed parts of the body with mild soap and water before eating, drinking or smoking and when leaving work. Equip the process area with good ventilation to avoid the formation of fumes.

Hygiene measures : Do not eat, drink or smoke when using. Wash your hands thoroughly after use wash.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Between 5°C and 40°C. Keep away from food, drinks and feed. Store only in the original container in a cool, well-ventilated place, away from: Direct sunlight. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Ignition sources. Direct sunlight.

7.3. Specific end uses

Reduces deposits and grease contamination in your gray water tank and hoses. Prevents unpleasant smells. Improves hygiene and makes emptying your gray water tank easier. Gray Water Fresh Concentrated.

SECTION 8: Exposure controls/personal protection

8.1. Parameters to monitor

8.1.1 National occupational exposure limits and biological limits

No further information available

8.1.2. Recommended monitoring procedures

No further information available

8.1.3. Released air contaminants

No further information available

8.1.4. DNEL and PNEC values

No further information available

8.1.5. Control banding

No further information available

8.2. Limitation and monitoring of exposure

8.2.1. Appropriate technical control devices

No further information available

8.2.2. Personal protective equipment

Personal protective equipment:

Avoid unnecessary exposure.

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Personal protective equipment - symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses or safety glasses

8.2.2.2. skin protection

Skin and body protection:

Wear suitable protective clothing when working

Hand protection:

Wearing safety gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear a suitable mask

8.2.2.4. Thermal hazards

No further information available

8.2.3. Limiting and monitoring environmental exposure

Other Information:

Read the instructions for use before handling and dosing the product. Do not eat, drink, or smoke at work. Do not eat, drink or smoke while using.

SECTION 9: Physical and chemical properties

9.1. Information on the basic physical and chemical properties

state of aggregation	: Fluid
Color	: Blue.
Look	: Fluid.
Odor	: marine.
Odor threshold	: Not available
melting point	: 0°C
freezing point	: Not available
boiling point	: ~ 100°C
Flammability	: Non-flammable.
Explosive properties	: No data available.
Oxidizing properties	: Not known.
Explosion limits	: Not available
lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 100 °C
Ignition temperature	: Not available
Decomposition temperature	: Not available
pH value	: 2.8 – 6
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 175 – 275 mPa.s
solubility	: Water: 100%
Partition coefficient n-octanol/water (Log Kow):	Not available
Vapor pressure	: Not available
Vapor pressure at 50°C	: Not available
Density: 1.039 – 1.049 g/ml	
relativ density	: Not available
Relative vapor density at 20°C	: Not available
Particle properties	: Not applicable

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9.2. Other Information

9.2.1. Information about physical hazard classes

No further information available

9.2.2. Other safety-related parameters

VOC content : <0.025%

SECTION 10: Stability and reactivity

10.1. Reactivity

No further information available

10.2. Chemical stability

Stable up to 50°C. At an average temperature of 30°C, Gray Water Fresh Concentrated has a shelf life of several years. After several years it may lose some of its performance.

10.3. Possibility of dangerous reactions

Not fixed.

10.4. Conditions to avoid

See section 7. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Dangerous decomposition products

Depending on the process conditions, dangerous degradation products can be generated. Carbon dioxide. Carbon monoxide. Smoke.

SECTION 11: Toxicological information

11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Acute toxicity (Oral) : Harmful if swallowed.

Acute toxicity (Dermal) : Not rated

Acute toxicity (inhalation) : Not rated

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ATE CLP (oral)	1097.856 mg/kg body weight
LAURETH-8 (68439-50-9)	
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral)), Guideline: other:SafePharm standard Method Number OECD 39
LD50 Dermal Rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal toxicity)
LC50 Inhalation - Rat	> 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)	
LD50 oral rat	305 mg/kg
LD50 Dermal Rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal toxicity)
LC50 Inhalation - Rat	ÿ 0.588 mg/l air Animal: rat

Corrosion/irritation to skin : Not rated
pH value: 2.8 – 6

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Serious eye damage/irritation	: Causes serious eye damage. pH value: 2.8 – 6
Respiratory/skin sensitization	: Not rated
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not rated
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not rated
Additional information	: Based on available data, the classification criteria are not met

Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)

NOAEL (chronic, oral, animal/male, 2 years)	7 mg/kg body weight
Reproductive toxicity	: Not rated
Additional information	: Based on available data, the classification criteria are not met
Specific target organ toxicity in a single event	: Not rated
Exposure	
Additional information	: Based on available data, the classification criteria are not met

Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)

Specific target organ toxicity in a single event Exposure	May irritate the respiratory tract.
Specific target organ toxicity with repeated Exposure	: Not rated
Additional information	: Based on available data, the classification criteria are not met

LAURETH-8 (68439-50-9)

NOAEL (oral, rat, 90 days)	ÿ 500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
LOAEL (oral, rat, 90 days)	20 mg/kg body weight Animal: dog
Danger of aspiration	: Not rated
Additional information	: Based on available data, the classification criteria are not met

11.2. Information about other dangers

11.2.1. Endocrine disrupting properties

No further information available

11.2.2. Other Information

Possible adverse effects on humans and possible symptoms : Harmful if swallowed.

SECTION 12: Ecological information

12.1. toxicity

Ecology - water	: Very toxic to aquatic organisms. Harmful to aquatic life with long term effects Effect.
Hazardous to water, short-term (acute)	: Very toxic to aquatic organisms.
Hazardous to water, long-term (chronic)	: Harmful to aquatic organisms, with long-term effect.

LAURETH-8 (68439-50-9)

LC50 - Fish [1]	6.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	1.2 mg/l Test organisms (species): Cyprinus carpio
EC50 - Crustaceans [1]	1.2 mg/l Test organisms (species): Daphnia magna
EC50 - Crustaceans [2]	1.4 mg/l Test organisms (species): Daphnia magna

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Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)	
EC50 - Crustaceans [1]	1.4 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.25 mg/l test organisms (species): Skeletonema costatum
EC50 72h - algae [2]	0.37 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	0.88 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	21.5 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '49 d'

12.2. Persistence and degradability

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Persistence and degradability	The surfactants contained in this product are according to OECD 301 D Closed Bottle Test > 60% (easily biodegradable) (information from manufacturer). The perfume is > 60% biodegradable according to the OECD 301D Closed Bottle Test. May have long-term harmful effects on the environment.

Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)	
Biodegradation	70 – 80% OECD 301B Ready Biodegradability, CO2 Evolution Test, 28 days

12.3. Bioaccumulative potential

GRAY WATER FRESH CONCENTRATED	
Bioaccumulative potential	Not fixed.

Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)	
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in the ground

Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)	
Ecology - soil	No data available.

12.5. Results of the PBT and vPvB assessment

component	
Bronopol (INN); 2-Bromo-2-nitropropane-1,3-diol (52-51-7)	This substance/mixture does not meet the PBT criteria of the REACH Regulation, Annex XIII.

12.6. Endocrine disrupting properties

No further information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Unless regulated by the authorities, non-contaminated packaging can be one be recycled.

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Product/Packaging Recommendations

Waste disposal

: There are no uniform regulations for the disposal of chemicals or residues in the EC. Chemicals that arise as residues are usually hazardous waste. Their elimination is regulated by corresponding laws and regulations of the EC member states and, in the Federal Republic of Germany, also by the federal states. Please contact the responsible authorities (authorities or waste disposal companies) who will provide information about disposal. Switzerland: There are no uniform regulations for the disposal of chemicals or






residues in the EC. Chemicals that arise as residues are usually hazardous waste. Their elimination is regulated by relevant laws and regulations. Please contact the responsible authorities (authorities or waste disposal companies) who will provide information about disposal. Dispose of safely in accordance with local/national regulations. Dispose of contents/container to a collection point for hazardous and hazardous waste in accordance with local, regional, national and/or international regulations.

Ecology - waste materials

: Avoid release to the environment.

SECTION 14: Transport information

According to ADR / IMDG / IATA / ADN / RID

ADDR	IMDG	IATA	ADN	RID
Applied Special provision(s): 375	Applied Special provision(s): 969	Applied Special provision(s): A197	Applied Special provision(s): 375	Applied Special provision(s): 375
These substances, when transported in individual packagings or composite packagings with a net quantity of not more than 5 liters of liquid substances or a net mass of not more than 5 kg of solid substances per individual or inner packaging, are not subject to the other provisions of ADR, provided that the packagings comply general provisions of subsections 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.				
14.1. UN number or ID number				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG	ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG	Environmentally hazardous substance, liquid, nos	ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG	ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG
Entry in the transport document				
UN 3082 ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG, 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG, 9, III	UN 3082 Environmentally hazardous substance, liquid, nos, 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG, 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS R SUBSTANCE, LIQUID, NAG, 9, III
14.3. Transport hazard classes				
9	9	9	9	9
				
14.4. Packaging group				
III	III	III	III	III
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
An exception applies to substances that are hazardous to the environment (amount of liquid \dot{y} 5 liters or net mass of solids \dot{y} 5 kg). As stated in the ADR Regulation, Section 5.2.1.8.1, the environmental hazard label is not required.				
No additional information available				


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14.6. Special precautions for the user

Land transport

Classification code (ADR)	: M6
Special regulations (ADR)	: 274, 335, 375, 601
Limited Quantities (ADR)	: 5L
Exempt quantities (ADR)	:E1
Packaging Instructions (ADR)	: P001, IBC03, LP01, R001
Special Packaging Regulations (ADR)	:PP1
Special provisions for joint packing (ADR)	: MP19
Instructions for portable tanks and Bulk containers (ADR)	: T4
Special provisions for portable tanks and Bulk containers (ADR)	: TP1, TP29
Tank coding (ADR)	: LGBV
Vehicle for transport in tanks	: AT
Transport category (ADR)	:3
Special provisions for transport - Shipping items (ADR)	: V12
Special provisions for transport - loading and Discharge, handling (ADR)	: CV13
Number to identify the danger (Kemler number)	: 90
Orange boards	: 

Tunnel Restriction Code (ADR) :-

Sea transport

Special provision (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Exempt quantities (IMDG)	:E1
Packaging instructions (IMDG)	: LP01, P001
Special regulations for packaging (IMDG)	:PP1
IBC Packaging Instructions (IMDG)	: IBC03
Fueling Instructions (IMDG)	: T4
Special provisions for tanks (IMDG)	: TP1, TP29
EmS no. (Fire)	:FA
EmS no. (Accidental release)	:SF
Congestion category (IMDG)	:A

Air transport

PCA exempt quantities (IATA)	:E1
PCA limited quantities (IATA)	: Y964
PCA limited max. net quantity (IATA)	: 30kgG
PCA Packaging Regulations (IATA)	: 964
PCA Max. Net Quantity (IATA)	: 450L
CAO Packaging Regulations (IATA)	: 964
CAO Max. Net Quantity (IATA)	: 450L
Special regulations (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited Quantities (ADN)	: 5 L
Exempt quantities (ADN)	:E1
Transport approved (ADN)	:T
Equipment Required (ADN)	:PP
Number of blue cones/lights (ADN)	: 0

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Rail transport

Classification code (RID)	: M6
Special provision (RID)	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special provisions for packaging (RID)	: PP1
Special provisions for joint packing (RID)	: MP19
Instructions for tankers and Bulk containers (RID)	: T4
Special provisions for tankers and Bulk containers (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special transport conditions - parcels (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Express goods (RID)	: CE8
Hazard identification number (RID)	: 90

14.7. Bulk carriage by sea in accordance with IMO instruments

Not applicable

SECTION 15: Legislation

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

15.1.1. EU regulations

REACH Annex XVII (List of Restrictions)

Does not contain any substances listed in REACH Annex XVII (restriction conditions).

REACH Annex XIV (approval list)

Does not contain any substances listed in REACH Annex XIV (authorization list).

REACH candidate list (SVHC)

Does not contain any substances listed on the REACH candidate list

PIC Regulation (Prior Informed Consent)

Does not contain any substances listed on the PIC list (Regulation EU 649/2012 on the export and import of dangerous chemicals).

POP Regulation (Persistent Organic Pollutants)

Does not contain any substances listed on the POP list (EU Regulation 2019/1021 on persistent organic pollutants).

Ozone Regulation (1005/2009)

Does not contain any substances that are listed on the ozone depletion list (EU Regulation 1005/2009 on substances that deplete the ozone layer).

VOC Directive (2004/42)

VOC content : <0.025%

Regulation on precursors for explosives (EU 2019/1148)

Does not contain any substances listed on the list of explosives precursors (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

Drug Precursor Regulation (EC 273/2004)

Does not contain any substances on the list of drug precursors (Regulation EC 273/2004 on the manufacture and placing on the market of certain drugs). Substances used in the illicit production of narcotic drugs and psychotropic substances are listed

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15.1.2. National regulations

Germany

Employment Restrictions

: Observe restrictions according to the Maternity Protection Act (MuSchG).

Observe restrictions in accordance with the Youth Employment Protection Act (JArbSchG).

Water hazard class (WGK)

: WGK 1, slightly hazardous to water (classification according to AwSV, appendix 1).

WGK note

: Classification according to the administrative regulations for water-polluting substances (VwVwS) from July 27th 2005.

Storage class (LGK, TRGS 510)

: LGK 12 - Non-flammable liquids.

Collation table

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Storage not permitted for

: LGK 1, LGK 6.2, LGK 7.

Restricted storage permitted for

: LGK 4.1A, LGK 4.3, LGK 5.1C.

Joint storage permitted for

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

Major Accident Ordinance (12th BImSchV)

: Not subject to the Major Accident Ordinance (12th BImSchV)

15.2. Chemical safety assessment

A chemical safety assessment was not carried out

SECTION 16: Other information

Change notes

Section	Changed item	modification	Remarks
	Replaced	Added	
	Revision date	Changed	
	Issue date	Changed	
11.1	ATE CLP (oral)	Changed	

Data sources

: REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF RATES of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.

Other Information

: No.

Full text of H and EUH phrases:

Acute Tox. 3 (inhalative)	Acute toxicity (inhalation), category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), category 4
Aquatic Acute 1	Acute aquatic hazard, category 1
Aquatic Chronic 2	Chronic aquatic hazard, category 2
Aquatic Chronic 3	Chronic aquatic hazard, category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H301	Toxic if swallowed.

GRAY WATER FRESH CONCENTRATED

Safety data sheet

in accordance with REACH Regulation (EC) 1907/2006 including amending regulation (EU) 2020/878

Full text of H and EUH phrases:	
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H335	May irritate the respiratory tract.
H400	Very toxic to aquatic organisms.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic organisms, with long-term effect.
Skin irritation. 2	Skin corrosion/irritation, category 2
STOT SE 3	Specific target organ toxicity (single exposure), Category 3, respiratory tract irritation

The classification corresponds : ATP 12

Safety data sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product only in terms of health, safety and environmental conditions. They should therefore not be construed as a guarantee for specific properties of the product.