

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 07/07/2022 Revision date: 14/06/2024 Supersedes version of: 07/07/2022 Version: 1.01

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

1.1. Product identifier

Product name : BioHygiene Urinal & Toilet Sachets

Product code BH224

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Biological product for cleaning and deodorising toilets and urinals.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

BioHygiene

Unit A - D 12, Pant Glas Industrial Estate

Bedwas Caerphilly

CF83 8GE

T +44 (0) 29 2067 4094

info@biohygiene.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 29 2067 4094 (9am to 5pm)

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H319 - Causes serious eye irritation.

Precautionary statements (CLP)

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

contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

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2.3. Other hazards

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

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 Carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 REACH-no: 01-2119485498- 19-XXXX	≥ 20 - < 40	Eye Irrit. 2, H319
Citric acid	CAS-No.: 5949-29-1 EC-No.: 201-069-1 EC Index-No.: 607-750-00-3 REACH-no: 01-2119457026- 42-XXXX	≥ 10 – < 20	Eye Irrit. 2, H319 STOT SE 3, H335
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	CAS-No.: 68955-19-1 EC-No.: 273-257-1 REACH-no: 01-2119490225- 39-XXXXX	≥1-<5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412

Specific concentration limits:			
Name	Product identifier	Specific concentration limits (%)	
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	CAS-No.: 68955-19-1 EC-No.: 273-257-1 REACH-no: 01-2119490225- 39-XXXXX	(10 ≤ C < 20) Eye Irrit. 2, H319 (20 ≤ C < 100) Eye Dam. 1, H318	

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 : If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : To our knowledge, the product does not present any particular risk, under normal conditions

of use. If the person feels unwell: Move to fresh air.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : Causes serious eye irritation.
Symptoms/effects after inhalation : May cause slight irritation.

Symptoms/effects after skin contact : May cause slight irritation to the skin.

Symptoms/effects after eye contact : May cause eye irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

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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.

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

Protective equipment : No special requirement . Avoid contact with skin.

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

Measures in case of dust release : Ventilate area.

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 direct discharge into drains.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Wash the spillage site with large amounts of water.

Other information : Small amount of unwanted product may be flushed with water to sewer.

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 : Avoid creating or spreading dust.

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes.

Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

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

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

BioHygiene Urinal & Toilet Sachets		
United Kingdom - Occupational Exposure Limits		
Remark	Contains no substances with occupational work exposure limits.	

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

8.1.4. DNEL and PNEC	3.1.4. DNEL and PNEC		
Sulfuric acid, mono-C12-18-alkyl esters, sodi	um salts (68955-19-1)		
DNEL/DMEL (Workers)			
Long-term - systemic effects, dermal	4060 mg/kg bodyweight/day		
Long-term - systemic effects, inhalation	285 mg/m³		
DNEL/DMEL (General population)			
Long-term - systemic effects,oral	24 mg/kg bodyweight/day		
Long-term - systemic effects, inhalation	85 mg/m³		
Long-term - systemic effects, dermal	2440 mg/kg bodyweight/day		
PNEC (Water)			
PNEC aqua (freshwater)	0.098 mg/l		
PNEC aqua (marine water)	0.0098 mg/l		
PNEC aqua (intermittent, freshwater)	0.013 mg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	3.45 mg/kg dwt		
PNEC sediment (marine water)	0.345 mg/kg dwt		
PNEC (Soil)			
PNEC soil	0.631 mg/kg dwt		
PNEC (STP)			
PNEC sewage treatment plant	6.8 mg/l		
Citric acid (5949-29-1)			
PNEC (Water)			
PNEC aqua (freshwater)	0.44 mg/l		
PNEC aqua (marine water)	0.044 mg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	34.6 mg/kg dwt		
PNEC sediment (marine water)	3.46 mg/kg dwt		
PNEC (Soil)			
PNEC soil	33.1 mg/kg dwt		

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Citric acid (5949-29-1)	
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l

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 symbol(s):





8.2.2.1. Eye and face protection

Eye protection:

Avoid contact with eyes. Where excessive dust may result, wear goggles

8.2.2.2. Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Hand protection:

In case of repeated or prolonged contact wear gloves. Always wash hands after handling the product

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves, Type C	Nitrile rubber (NBR)	1 (> 10 minutes)			EN ISO 374
Reusable gloves, Type A	Nitrile rubber (NBR)	2 (> 30 minutes)	>0.38mm		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

Not necessary with sufficient ventilation

8.2.2.4. Thermal hazards

Thermal hazard protection:

Not required.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid unnecessary release to the environment.

Consumer exposure controls:

Avoid dust formation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

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Colour : Blue. Appearance : Fine Powder. Odour Pleasant. Odour threshold Not available Melting point Not available Freezing point Not applicable Boiling point Not available Flammability Non flammable. Lower explosion limit : Not applicable Upper explosion limit : Not applicable Flash point : Not applicable Auto-ignition temperature : Not applicable Decomposition temperature : Not available : Not available рΗ Not available pH solution Viscosity, kinematic : Not applicable Solubility : Easily soluble. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available : Not available Density Relative density : Not available Relative vapour density at 20°C : Not applicable Particle size : Not available

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

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified

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Sodium Carbonate (497-19-8) pH ≈ 11.6 Concentration: (≈)0,1 other: Serious eye damage/irritation : Causes serious eye irritation. Sodium Carbonate (497-19-8) pH ≈ 11.6 Concentration: (≈)0,1 other: Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days)	Acute toxicity (inhalation) :	Not classified
LD50 dermal rat 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) Citric acid (5949-29-1) LD50 oral	Sulfuric acid, mono-C12-18-alkyl esters, sodiu	ım salts (68955-19-1)
Citric acid (5949-29-1) LD50 oral	LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.1 (Acute Toxicity (Oral))
LD50 oral 5400 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other., 95% CL: 4500 - 6400 LD50 dermal rat 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) Sodium Carbonate (497-19-8) LD50 oral rat 2800 mg/kg bodyweight Animal: rat 2 2800 mg/kg bodyweight Animal: rat 3 2800 mg/kg bodyweight Animal: rat 4 2800 mg/kg bodyweight Animal: rat 4 2800 mg/kg bodyweight Animal: rat 5 2000 mg/kg bodyweight Animal: rabbit, Guideline: other: 8 2 2000 mg/kg bodyweight Animal: rabbit, Guideline: other: 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	LD50 dermal rat	
Toxicity), Remarks on results: other:, 95% CL: 4500 - 6400 LD50 dermal rat	Citric acid (5949-29-1)	
Toxicity	LD50 oral	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
LD50 oral rat LD50 dermal rabbit D50 dermal rabbit > 2000 mg/kg bodyweight Animal: rat > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other: Skin corrosion/irritation : Not classified Sodium Carbonate (497-19-8) pH *11.6 Concentration: (*)0,1 other: Serious eye damage/irritation : Causes serious eye irritation. Sodium Carbonate (497-19-8) pH *11.6 Concentration: (*)0,1 other: Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygliene Urinal & Toilet Sachets	LD50 dermal rat	
LD50 dermal rabbit > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other: Skin corrosion/irritation : Not classified Sodium Carbonate (497-19-8) pH ≈ 11.6 Concentration: (≈)0,1 other: Serious eye damage/irritation : Causes serious eye irritation. Sodium Carbonate (497-19-8) pH ≈ 11.6 Concentration: (≈)0,1 other: Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure : May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	Sodium Carbonate (497-19-8)	
Skin corrosion/irritation : Not classified Sodium Carbonate (497-19-8) pH	LD50 oral rat	2800 mg/kg bodyweight Animal: rat
pH ≈ 11.6 Concentration: (≈)0,1 other: Serious eye damage/irritation : Causes serious eye irritation. Sodium Carbonate (497-19-8) pH ≈ 11.6 Concentration: (≈)0,1 other: Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days)	LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:
pH	Skin corrosion/irritation :	Not classified
Serious eye damage/irritation : Causes serious eye irritation. Sodium Carbonate (497-19-8) pH ≈ 11.6 Concentration: (≈)0,1 other: Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure : May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	Sodium Carbonate (497-19-8)	
Sodium Carbonate (497-19-8) pH	pH	≈ 11.6 Concentration: (≈)0,1 other:
pH ≈ 11.6 Concentration: (≈)0,1 other: Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	Serious eye damage/irritation :	Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	Sodium Carbonate (497-19-8)	
Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	рН	≈ 11.6 Concentration: (≈)0,1 other:
Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets		Not classified
Reproductive toxicity : Not classified STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	3	Not classified
STOT-single exposure : Not classified Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets		Not classified
Citric acid (5949-29-1) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	· ·	
STOT-single exposure	STOT-single exposure :	Not classified
STOT-repeated exposure : Not classified Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) 8000 mg/kg bodyweight Animal: rat NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	Citric acid (5949-29-1)	
Citric acid (5949-29-1) LOAEL (oral, rat, 90 days) NOAEL (oral, rat, 90 days) Aspiration hazard BioHygiene Urinal & Toilet Sachets	STOT-single exposure	May cause respiratory irritation.
LOAEL (oral, rat, 90 days) NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat 4000 mg/kg bodyweight Animal: rat Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	STOT-repeated exposure :	Not classified
NOAEL (oral, rat, 90 days) 4000 mg/kg bodyweight Animal: rat Aspiration hazard: Not classified BioHygiene Urinal & Toilet Sachets	Citric acid (5949-29-1)	
Aspiration hazard : Not classified BioHygiene Urinal & Toilet Sachets	LOAEL (oral, rat, 90 days)	8000 mg/kg bodyweight Animal: rat
BioHygiene Urinal & Toilet Sachets	NOAEL (oral, rat, 90 days)	4000 mg/kg bodyweight Animal: rat
17	Aspiration hazard :	Not classified
Viscosity, kinematic Not applicable	BioHygiene Urinal & Toilet Sachets	
	Viscosity, kinematic	Not applicable

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No known adverse effects on the functioning of water treatment plants under normal use

conditions as recommended.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

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Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)		
LC50 - Fish [1]	1.3 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	
EC50 - Crustacea [1]	2.8 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	20 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
EC50 72h - Algae [2]	14 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
Sodium Carbonate (497-19-8)		
LC50 - Fish [1]	300 mg/l Test organisms (species): Lepomis macrochirus	
EC50 - Crustacea [1]	200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.	
EC50 - Crustacea [2]	200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.	

12.2. Persistence and degradability

BioHygiene Urinal & Toilet Sachets		
Persistence and degradability	Rapidly degradable	
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)		
Persistence and degradability Not rapidly degradable		
Citric acid (5949-29-1)		
Persistence and degradability Not rapidly degradable		
Sodium Carbonate (497-19-8)		
Persistence and degradability Not rapidly degradable		

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

SECTION 14: Transport information

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

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ADR	IMDG	IATA	ADN	RID			
14.1. UN number or ID n	14.1. UN number or ID number						
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
14.2. UN proper shippin	g name						
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
14.3. Transport hazard	class(es)						
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
14.4. Packing group							
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
14.5. Environmental hazards							
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
No supplementary information	n available			No supplementary information available			

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

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

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)

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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

Abbreviations and aci	ronyms:
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
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
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
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

Safety Data Sheet

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

Abbreviations and acronyms:	
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

The classification complies with

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.

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