

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 09/06/2022 Revision date: 09/06/2022 Supersedes version of: 16/05/2018 Version: 8.0

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

1.1. Product identifier

Product form : Mixture

Trade name : PASO DESATASCADOR GEL EXPRESS

UFI : WCHY-J0JW-D20F-A4NV
Product code : 705011, 35705011
Type of product : Detergent

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use
Use of the substance/mixture : Drain Cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

AC Marca Adhesives, S.A. Avda. Carrilet, L'Hospitalet de Llobregat, 293-297 08907 Barcelona (Spain) T +34 93 260 68 00 - F +34 93 260 68 98

reach@grupoacmarca.com

1.4. Emergency telephone number

+34 93 260 68 00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Corrosive to metals, Category 1 H290
Skin corrosion/irritation, Category 1 H314
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

May be corrosive to metals. Causes severe skin burns and eye damage. 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

Signal word (CLP)

Contains : sodium hypochlorite, solution... % Cl active, disodium metasilicate

Hazard statements (CLP) : H290 - May be corrosive to metals.

H314 - Causes severe skin burns and eye damage. H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

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

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

Rinse skin with water or shower.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P301+P312 - IF SWALLOWED: Call a POISON CENTER if you feel unwell.

P501 - Dispose of contents and container to a hazardous or special waste collection point.

: EUH031 - Contact with acids liberates toxic gas.

Extra phrases : Do not ingest.
Child-resistant fastening : Applicable
Tactile warning : Applicable

2.3. Other hazards

EUH-statements

Other hazards which do not result in classification : None under normal conditions.

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or 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]
N,N-DIMETHYLTETRADECYLAMINE N-OXIDE	CAS-No.: 3332-27-2 EC-No.: 222-059-3 REACH-no: 01-2119949262- 37	0 – 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE Not classified Aquatic Acute 1, H400 Aquatic Chronic 2, H411
sodium hypochlorite, solution % Cl active	CAS-No.: 7681-52-9 EC-No.: 231-668-3 EC Index-No.: 017-011-00-1	5 – 10	Skin Corr. 1B, H314 Aquatic Acute 1, H400
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	3,025 – 6,05	Met. Corr. 1, H290 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Skin Corr. 1A, H314 Eye Dam. 1, H318
disodium metasilicate	CAS-No.: 6834-92-0 EC-No.: 229-912-9 EC Index-No.: 014-010-00-8 REACH-no: 01-2119449811-	2 – 3	Met. Corr. 1, H290 Acute Tox. Not classified (Oral) Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335

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Specific concentration limits:			
Name	Product identifier	Specific concentration limits	
sodium hypochlorite, solution % Cl active	CAS-No.: 7681-52-9 EC-No.: 231-668-3 EC Index-No.: 017-011-00-1	(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) Eye Irrit. 2, H319 (0,5 ≤C < 2) Skin Irrit. 2, H315 (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 : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower. Rinse skin with water/shower. Take off immediately all contaminated clothing.

Call a physician immediately.

First-aid measures after eye contact : IF IN EYES : 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. 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 : Seek medical advice (show the label where possible). Rinse mouth. Do not induce vomiting.

Call a physician immediately.

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

Symptoms/effects : Causes severe skin burns and eye damage. Causes serious eye damage.

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

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Sand. Dry powder. Water spray. 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

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

5.3. Advice for firefighters

Firefighting instructions : Prevent fire fighting water from entering the environment. Exercise caution when fighting

any chemical fire.

Protection during firefighting : Use water spray or fog for cooling exposed containers. Do not enter fire area without proper

protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective

clothing.

Other information : Thermal decomposition generates : Corrosive vapours. Under fire conditions, hazardous

fumes will be present.

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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. Evacuate unnecessary personnel. Avoid contact with skin and eyes.

Do not breathe dust/fume/gas/mist/vapours/spray.

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".

Emergency procedures : Equip cleanup crew with proper protection. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or

diatomaceous earth as soon as possible.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See section 8. 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. Provide good ventilation in process area to

prevent formation of vapour. Avoid contact with skin and eyes. Do not breathe

dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

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 : Keep container closed when not in use. Keep only in the original container in a cool, well

ventilated place. Comply with applicable regulations. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-

ventilated place. Keep cool.

Incompatible materials : Metals.

7.3. Specific end use(s)

Hygiene measures

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

sodium hydroxide; caustic soda (1310-73-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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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 symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or face shield. Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

In case of repeated or prolonged contact wear gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Not required. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Avoid all unnecessary exposure. When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Colourless.
Appearance : Gel.
Odour : Characteristic.

Odour : Characteristic.
Odour threshold : Not available
Melting point : Not applicable
Freezing point : Not available
Boiling point : Not available
Not available

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Explosive limits

Lower explosion limit

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Flammability : Non flammable.

Non flammable. Not available Not available

: Not available

: Not applicable

Upper explosion limit : Not available Flash point : Not available Auto-ignition temperature : Not available Decomposition temperature : Not available

рΗ : > 13 pH solution concentration : 100 % Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure Vapour pressure at 50°C : Not available Density : 1,26 kg/m³ Relative density : Not available

9.2. Other information

Particle characteristics

Relative vapour density at 20°C

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

Not established.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Not established. Contact with acids liberates toxic gas.

10.4. Conditions to avoid

Not established.

10.5. Incompatible materials

Not established. metals. Acids.

10.6. Hazardous decomposition products

Thermal decomposition generates: Corrosive vapours. Not established.

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
Acute toxicity (inhalation) : Not classified

sodium hydroxide; caustic soda (1310-73-2)

LD50 oral rat 140 – 340 mg/kg Source: ECHA

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sodium hydroxide; caustic soda (1310-73-2)	
LD50 dermal rabbit	1350 mg/kg Source: HSDB
sodium hypochlorite, solution % CI active (7681-52-9)
LD50 oral rat	2001 mg/kg
LD50 dermal rat	2001 mg/kg
N,N-DIMETHYLTETRADECYLAMINE N-OXIDE	(3332-27-2)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
disodium metasilicate (6834-92-0)	
LD50 oral rat	1200 mg/kg
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)
LD50 dermal	5001 mg/kg
LC50 Inhalation - Rat	> 2,06 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)
Skin corrosion/irritation :	Causes severe skin burns. pH: > 13
sodium hydroxide; caustic soda (1310-73-2)	
рН	1,5 Source: HSDB
Serious eye damage/irritation :	Assumed to cause serious eye damage pH: > 13
sodium hydroxide; caustic soda (1310-73-2)	
рН	1,5 Source: HSDB
	Not classified
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
STOT-single exposure : disodium metasilicate (6834-92-0)	Not classified
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure :	Not classified
N,N-DIMETHYLTETRADECYLAMINE N-OXIDE	
NOAEL (oral, rat, 90 days)	40 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
disodium metasilicate (6834-92-0)	
NOAEL (oral, rat, 90 days)	227 – 237 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard :	Not classified
14.2 Information on other hazards	

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

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Ecology - general : Avoid release to the environment. Harmful to aquatic life with long lasting effects.

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Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

m : Harmful to aquatic life with long lasting effects.

(chronic)

(ciriotic)			
sodium hydroxide; caustic soda (1310-73-2)			
LC50 - Fish [1]	> 35 mg/l		
EC50 - Crustacea [1]	40,4 mg/l Test organisms (species): Ceriodaphnia sp.		
EC50 - Other aquatic organisms [1]	> 33 mg/l waterflea		
sodium hypochlorite, solution % Cl acti	ve (7681-52-9)		
LC50 - Fish [1]	0,06 mg/l		
EC50 - Crustacea [1]	0,005 mg/l		
EC50 72h - Algae [1]	0,2 mg/l		
ErC50 algae	0,2 mg/l		
N,N-DIMETHYLTETRADECYLAMINE N-OX	(IDE (3332-27-2)		
LC50 - Fish [1]	10,3 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
LC50 - Fish [2]	2,4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	2,64 mg/l		
EC50 - Other aquatic organisms [1]	2,64 mg/l waterflea		
EC50 - Other aquatic organisms [2]	0,19 mg/l		
EC50 72h - Algae [1]	0,19 mg/l		
NOEC (chronic)	0,7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC chronic fish	0,42 mg/l Test organisms (species): Pimephales promelas Duration: '302 d'		
NOEC chronic crustacea	0,07 mg/l		
NOEC chronic algae	0,078 mg/l		
disodium metasilicate (6834-92-0)			
LC50 - Fish [1]	210 mg/l		
EC50 - Crustacea [1]	1700 mg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	207 mg/l Test organisms (species): Desmodesmus subspicatus (previous name:		

12.2. Persistence and degradability

EC50 72h - Algae [2]

PASO DESATASCADOR GEL EXPRI	ESS
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Biodegradation	Biodegradable.

Scenedesmus subspicatus)

207 mg/l

12.3. Bioaccumulative potential

PASO DESATASCADOR GEL EXPRESS	
Bioaccumulative potential	Not established.

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sodium hydroxide; caustic soda (1310-73-2)		
Partition coefficient n-octanol/water (Log Pow) -3,88		
N,N-DIMETHYLTETRADECYLAMINE N-OXIDE (3332-27-2)		
Partition coefficient n-octanol/water (Log Pow)	2,7	

12.4. Mobility in soil

PASO DESATASCADOR GEL EXPRESS	
Mobility in soil	Not established.

12.5. Results of PBT and vPvB assessment

PASO DESATASCADOR GEL EXPRESS		
Results of PBT assessment	The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.	

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

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations. Avoid release to the

environment.

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

ADR	IMDG	IATA				
14.1. UN number or ID number	14.1. UN number or ID number					
UN 3266	UN 3266	UN 3266				
14.2. UN proper shipping name						
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	Corrosive liquid, basic, inorganic, n.o.s.				
Transport document description						
UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (), 8, II, (E)	UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, II	UN 3266 Corrosive liquid, basic, inorganic, n.o.s., 8, II				
14.3. Transport hazard class(es)						
8	8	8				

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ADR	IMDG	IATA	
14.4. Packing group			
П	Ш	II	
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	

14.6. Special precautions for user

Overland transport

Classification code (ADR) : C5
Special provisions (ADR) : 274
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001, IBC02
Mixed packing provisions (ADR) : MP15

Portable tank and bulk container instructions (ADR) : T11

Portable tank and bulk container special provisions : TP2, TP27

(ADR)

Tank code (ADR) : L4BN
Tank special provisions (ADR) : TU42
Vehicle for tank carriage : AT
Transport category (ADR) : 2

Hazard identification number (Kemler No.) : 80
Orange plates :

80 3266

Tunnel restriction code (ADR) : E EAC code : 2X

Transport by sea

Special provisions (IMDG) : 274 Limited quantities (IMDG) : 1L Excepted quantities (IMDG) : E2 Packing instructions (IMDG) : P001 IBC packing instructions (IMDG) : IBC02 Tank instructions (IMDG) : T11 Tank special provisions (IMDG) : TP2, TP27 EmS-No. (Fire) : F-A : S-B EmS-No. (Spillage) : B Stowage category (IMDG) : SW2 Stowage and handling (IMDG) : SGG18, SG35 Segregation (IMDG)

Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

MFAG-No : 154

Air transport

PCA Excepted quantities (IATA) : E2 PCA Limited quantities (IATA) : Y840 PCA limited quantity max net quantity (IATA) : 0.5L PCA packing instructions (IATA) : 851 PCA max net quantity (IATA) : 1L CAO packing instructions (IATA) : 855 CAO max net quantity (IATA) : 30L Special provisions (IATA) : A3, A803 ERG code (IATA) : 8L

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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

Other information, restriction and prohibition regulations

: Ensure all national/local regulations are observed. Ensure all national/local regulations are observed.

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)

Detergent Regulation (648/2004)

Labelling of contents		
Component %		
chlorine-based bleaching agents 5-1		
non-ionic surfactants	<5%	

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

Indication of changes			
Section	Changed item		Comments
	Supersedes version of	Modified	
3	Composition/information on ingredients		
4.1 First-aid measures after inhalation		Added	

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Indication of changes				
Section	Changed item	Change	Comments	
4.1	First-aid measures general	Added		
4.1	First-aid measures after skin contact	Modified		
4.1	First-aid measures after ingestion	Modified		
4.1	First-aid measures after eye contact	Modified		
4.2	Symptoms/effects after skin contact Added			
4.2	Symptoms/effects after ingestion	Added		
4.2	Symptoms/effects after eye contact	Added		
5.1	Suitable extinguishing media	Modified		
5.2	Hazardous decomposition products in case of fire	Added		
5.3	Protection during firefighting	Modified		
6.1	Protective equipment	Added		
6.1	Emergency procedures	Modified		
6.2	Environmental precautions	Modified		
6.3	Other information	Added		
6.3	Methods for cleaning up	Modified		
6.4	Reference to other sections (8, 13)	Modified		
7.1	Hygiene measures	Added		
7.1	Precautions for safe handling	Modified		
7.2	Incompatible materials	Added		
7.2	Storage conditions	Modified		
8.2	Environmental exposure controls	Added		
8.2	Appropriate engineering controls	Added		
8.2	Respiratory protection	Modified		
8.2	Eye protection	Modified		
9.1	Melting point	Added		
9.1	рН	Modified		
10.3	Possibility of hazardous reactions	Modified		
10.5	Incompatible materials	Modified		
12.1	Ecology - general	Modified		
13.1	Waste treatment methods	Added		
14.6	Packing instructions (IMDG)	Modified		
14.6	Transport category (ADR)	Modified		
14.6	Excepted quantities (ADR)	Modified		
14.6	Limited quantities (ADR)	Modified		
15.1	REACH Annex XVII	Added		
15.2	Chemical safety assessment	Added		
16	Abbreviations and acronyms	Added		

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Abbreviations and	acronyms:	
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	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
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:	
Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4	

Safety Data Sheet

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

Full text of H- and EUH-statements:		
Acute Tox. Not classified (Dermal)	Acute toxicity (dermal) Not classified	
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified	
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.	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H290	May be corrosive to metals.	
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.	
H335	May cause respiratory irritation.	
H400	Very toxic to aquatic life.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
Met. Corr. 1	Corrosive to metals, 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 Not classified	Specific target organ toxicity (repeated exposure) Not classified	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Met. Corr. 1	H290	Expert judgment
Skin Corr. 1	H314	On basis of test data
Aquatic Chronic 3	H412	Calculation method

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.