

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 09/09/2022 Revision date: 09/09/2022 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product form Product name Product code Type of product Product group	<ul> <li>Mixture</li> <li>HG laundry booster for stubborn stain removal OXI enhanced</li> <li>324 ART</li> <li>Detergent</li> <li>Trade product</li> </ul>	
1.2. Relevant identified uses of the sub	stance or mixture and uses advised against	
<ul> <li>1.2.1. Relevant identified uses</li> <li>Intended for general public</li> <li>Main use category</li> <li>1.2.2. Uses advised against</li> </ul>	: Consumer use	
Restrictions on use	: All other uses not recommended above	
1.3. Details of the supplier of the safety	data sheet	
Manufacturer HG International B.V. P.J. Oudweg 41 NL– 1314 CJ Almere The Netherlands T +31 (0)36 54 94 700 safety@hg.eu - www.hg.eu	Importer HG UKI LTD Weston Business Centre Parsonage Road UK– CM22 6PU Takeley – Essex United Kingdom T +44 (0) 1206 822 744 www.hg.eu	
1.4. Emergency telephone number		
Emergency number	: +31 (0)36 54 94 777 Only for medical personnel	

Only for medical personnel Mon-Fri 09:00 AM - 05:00 PM (CEST)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Oxidising Solids, Category 3

Oxidising Solids, Category 3	H272
Acute toxicity (oral), Category 4	H302
Serious eye damage/eye irritation, Category 1	H318
Full text of H- and EUH-statements; see section 16	

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

May intensify fire; oxidiser. Harmful if swallowed. Causes serious eye damage.

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#### 2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) GHS03 GHS05 GHS07 Signal word (CLP) : Danger Contains : Sodium percarbonate Hazard statements (CLP) : H272 - May intensify fire; oxidiser. H302 - Harmful if swallowed. H318 - Causes serious eye damage. Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P270 - Do not eat, drink or smoke when using this product. P280 - Wear eye protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER, doctor if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Child-resistant fastening Not applicable Tactile warning Applicable

#### 2.3. Other hazards

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 substances 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	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium percarbonate	CAS-No.: 15630-89-4 EC-No.: 239-707-6 REACH-no: 01-2119457268- 30	≥ 50 – < 90	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
sodium carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498- 19	≥ 5 – < 15	Eye Irrit. 2, H319

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Sodium percarbonate	CAS-No.: 15630-89-4 EC-No.: 239-707-6 REACH-no: 01-2119457268- 30	( 7.5 ≤C < 25) Eye Irrit. 2, H319 ( 25 ≤C < 100) Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

### **SECTION 4: First aid measures**

: Call a poison center or a doctor if you feel unwell.
: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Give oxygen or artificial respiration if necessary. Get medical advice/attention.
: Wash skin with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
: Do not induce vomiting without medical advice. Get medical advice/attention if you feel unwell. Loosen tight clothing such as a collar, tie, belt or waistband. Give water to drink if victim completely conscious/alert. Rinse mouth. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects after eye contact	: Serious damage to eyes.	
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	: Move containers from fire area if it can be done without personal risk. Use extinguishing agent suitable for surrounding fire. Cool down the containers exposed to heat with a water spray. Do not get water inside containers or in contact with material.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard Hazardous decomposition products in case of fire	<ul><li>May intensify fire; oxidiser.</li><li>Toxic fumes may be released.</li></ul>	
5.3. Advice for firefighters		
Precautionary measures fire Firefighting instructions Protection during firefighting	<ul> <li>Eliminate all ignition sources if safe to do so.</li> <li>Evacuate area.</li> <li>Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.</li> </ul>	

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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	: Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Do not touch or walk on the spilled product. For further information refer to section 8: "Exposure controls/personal protection". Avoid dust formation. No open flames, no sparks, and no smoking.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
6.2. Environmental precautions		

Avoid release to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Mechanically recover the product. Stop leak if safe to do so. Minimise generation of dust. Notify authorities if product enters sewers or public waters.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Peterence to other sections		

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes.	
Handling temperature	: 0 – 35	
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Store in original container. Keep container closed when not in use. Store in dry, cool, well- ventilated area. Keep away from ignition sources. Protect from sunlight. Store in a well- ventilated place. Keep cool.	
Incompatible materials	: Keep away from (strong) acids. Keep away from (strong) bases. combustible materials.	
Storage temperature	: < 40 °C	
Heat and ignition sources	: Keep away from heat and direct sunlight.	
Storage area	: Store according to local legislation.	
7.3. Specific end use(s)		

No additional information available

#### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

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#### 8.1.3. Air contaminants formed

#### No additional information available

#### 8.1.4. DNEL and PNEC

Sodium percarbonate (15630-89-4)	Sodium percarbonate (15630-89-4)		
DNEL/DMEL (Workers)			
Acute - local effects, dermal	12.8 mg/cm <sup>2</sup>		
Long-term - local effects, dermal	12.8 mg/cm <sup>2</sup>		
Long-term - local effects, inhalation	5 mg/m <sup>3</sup>		
DNEL/DMEL (General population)			
Acute - local effects, dermal	6.4 mg/cm <sup>2</sup>		
Long-term - local effects, dermal	6.4 mg/cm <sup>2</sup>		
PNEC (Water)			
PNEC aqua (freshwater)	0.035 mg/l		
PNEC aqua (marine water)	0.035 mg/l		
PNEC aqua (intermittent, freshwater)	0.035 mg/l		
PNEC (STP)			
PNEC sewage treatment plant	16.24 mg/l		

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Protective shoes.

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



#### 8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side shields

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses	Normal use conditions		EN 166

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

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Skin and body protection	
Туре	Standard
Long sleeved protective clothing	
Chemical resistant safety shoes	EN ISO 20345

#### Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35		EN ISO 374
Disposable gloves	Butyl rubber	6 (> 480 minutes)	0.5		EN ISO 374

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

No respiratory protection needed under normal use conditions. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Res	Respiratory protection			
Dev	vice	Filter type	Condition	Standard
Dus	st mask	FFFP2	Dust protection	EN 143

#### 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:

Do not eat, drink or smoke when using this product.

<b>SECTION 9: Physical and chem</b>	ical properties		
9.1. Information on basic physical a	9.1. Information on basic physical and chemical properties		
Physical state Colour Appearance Odour	<ul> <li>Solid</li> <li>white.</li> <li>Powder.</li> <li>Characteristic.</li> </ul>		
Odour threshold Melting point Freezing point	<ul><li>Not available</li><li>Not available</li><li>Not applicable</li></ul>		
Boiling point Flammability Oxidising properties Explosive limits	<ul> <li>Not available</li> <li>Non flammable.</li> <li>May intensify fire; oxidiser.</li> <li>Not applicable</li> </ul>		
Lower explosion limit Upper explosion limit Flash point	<ul> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> </ul>		
Auto-ignition temperature Decomposition temperature pH pH solution	<ul> <li>Not applicable</li> <li>Not available</li> <li>10.22</li> <li>Not available</li> </ul>		
Viscosity, kinematic Solubility	<ul><li>Not applicable</li><li>Soluble in the following materials: cold water and hot water.</li></ul>		

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: Not available
: Not available
: Not available
: 1.17 – 1.22 g/ml
: Not available
: Not applicable
: Not available

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

Critical temperature

: 60 °C

#### 9.2.2. Other safety characteristics

No additional information available

	SECT	ION 10:	Stability an	d reactivity
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#### 10.1. Reactivity

May cause or intensify fire; oxidiser.

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

Do not allow water (or moist air) contact with this material. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**10.5. Incompatible materials** 

Reducing agents. Strong acids. Water, humidity. Alkalines. Combustible materials.

**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 defin	ned in Regulation (EC) No 1272/2008	
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	<ul><li>Harmful if swallowed.</li><li>Not classified</li><li>Not classified</li></ul>	
HG laundry booster for stubborn stain rem	oval OXI enhanced	
ATE CLP (oral)	1305.556 mg/kg bodyweight	
Sodium percarbonate (15630-89-4)		
LD50 oral	1034 mg/kg bodyweight	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:	
LD50 dermal	> 2000 mg/kg bodyweight	
sodium carbonate (497-19-8)		
LD50 oral rat	2800 mg/kg bodyweight Animal: rat	
LD50 oral	4090 mg/kg bodyweight	
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sodium carbonate (497-19-8)		
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:	
LC50 Inhalation - Rat (Dust/Mist)	2300 mg/l	
Skin corrosion/irritation	: Not classified pH: 10.22	
sodium carbonate (497-19-8)		
рН	≈ 11.6 Concentration: (≈)0,1 other:	
Serious eye damage/irritation	: Causes serious eye damage. pH: 10.22	
sodium carbonate (497-19-8)		
рН	≈ 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	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
HG laundry booster for stubborn stain removal OXI enhanced		
Viscosity, kinematic	Not applicable	
11.2. Information on other hazards		

No additional information available

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general :	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term : (acute)	Not classified
Hazardous to the aquatic environment, long-term : (chronic)	Not classified
Sodium percarbonate (15630-89-4)	
LC50 - Fish [1]	> 70 mg/l
EC50 - Crustacea [1]	4.9 mg/l Test organisms (species): Daphnia pulex
EC50 - Other aquatic organisms [1]	4.9 mg/l waterflea
ErC50 algae	> 7.7 mg/l Source: SIDS
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.
EC50 - Other aquatic organisms [1]	265 mg/l waterflea
EC50 96h - Algae [1]	242 mg/l Source: ECOTOX

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12.2. Persistence and degradability		
HG laundry booster for stubborn stain rem	oval OXI enhanced	
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.	
12.3. Bioaccumulative potential		
sodium carbonate (497-19-8)		
Partition coefficient n-octanol/water (Log Pow)	-6.19	
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		

Regional legislation (waste) Waste treatment methods : Dispose of in accordance with relevant local regulations.

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

# SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID				
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID number				
UN 1479	UN 1479	UN 1479	UN 1479	UN 1479
14.2. UN proper shipping name				
OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate)	OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate)	Oxidizing solid, n.o.s. (CONTAINS : Sodium percarbonate)	OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate)	OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate)
Transport document description				
UN 1479 OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate), 5.1, III, (E)	UN 1479 OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate), 5.1, III	UN 1479 Oxidizing solid, n.o.s. (CONTAINS : Sodium percarbonate), 5.1, III	UN 1479 OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate), 5.1, III	UN 1479 OXIDIZING SOLID, N.O.S. (CONTAINS : Sodium percarbonate), 5.1, III
14.3. Transport hazard class(es)				
5.1	5.1	5.1	5.1	5.1

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ADR	IMDG	ΙΑΤΑ	ADN	RID
5.1	5.1	5.1	51	5.1
14.4. Packing group				
	111	111	III	111
14.5. Environmental haz	ards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary informatio	n available			
14.6. Special precaution	s for user			
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (AD Mixed packing provisions (AD Portable tank and bulk contain Portable tank and bulk contain (ADR) Tank code (ADR) Tank special provisions (ADR Vehicle for tank carriage Transport category (ADR) Special provisions for carriage and handling (ADR) Hazard identification number ( Orange plates	: 2 : E : F DR) : E R) : N her instructions (ADR) : T her special provisions : T : S ) : : . : . : . : . : . : . :	rp33 SGAN rU3 AT 3		
Tunnel restriction code (ADR) <b>Transport by sea</b> Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) IBC special provisions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Segregation (IMDG)		E 223, 274, 900 5 kg E1 P002, LP02 BC08 33 F1 FP33 E-A S-Q 3 SG38, SG49, SG60, SG61		
<b>Air transport</b> PCA Excepted quantities (IAT PCA Limited quantities (IATA) PCA limited quantity max net PCA packing instructions (IAT	quantity (IATA) : 1	E1 Y546 I0kg 559		

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PCA max net quantity (IATA)	:	25kg
CAO packing instructions (IATA)	:	563
CAO max net quantity (IATA)	:	100kg
Special provisions (IATA)	:	A3, A803
ERG code (IATA)	:	5L
Inland waterway transport		
Classification code (ADN)	:	O2
Special provisions (ADN)	:	274
Limited quantities (ADN)	:	5 kg
Excepted quantities (ADN)	:	E1
Equipment required (ADN)	:	PP
Number of blue cones/lights (ADN)	:	0
Rail transport		
Classification code (RID)	:	O2
Special provisions (RID)	:	274
Limited quantities (RID)	:	5kg
Excepted quantities (RID)	:	E1
Packing instructions (RID)	:	P002, IBC08, LP02, R001
Special packing provisions (RID)	:	B3
Mixed packing provisions (RID)	:	MP2
Portable tank and bulk container instructions (RID)	:	T1
Portable tank and bulk container special provisions (RID)	:	TP33
Tank codes for RID tanks (RID)		SGAN
Special provisions for RID tanks (RID)		TU3
Transport category (RID)	÷	3
Special provisions for carriage - Loading, unloading	:	CW24
and handling (RID)		
Colis express (express parcels) (RID)	:	CE11
Hazard identification number (RID)	:	50

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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Detergent Regulation (648/2004)		
Labelling of contents		
Component	%	
oxygen-based bleaching agents	≥30%	

#### **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:

Printed by ExESS software. SDS EU format according to COMMISSION REGULATION (EU) 2020/878.

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	
ΙΑΤΑ	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	

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Abbreviations and acronyms:		
OEL	Occupational Exposure Limit	
РВТ	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	

Other information

: DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H272	May intensify fire; oxidiser.	
H302	Harmful if swallowed.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
Ox. Sol. 3	Oxidising Solids, Category 3	

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.