

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 3/7/2023 Version: 1.0

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

1.1. Product identifier

Product form	: Mixture
Trade name	: HEAVY DUTY CLEANER DEGREASER
Product code	: 06062
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 Use of the substance/mixture Function or use category

- : Professional use,Consumer use
- : Cleaning/washing agents and additives
 - : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Assured Solutions Limited Units H, J, & K Westminster Industrial Estate DE12 7DS MEASHAM - U.K. T 01530 272 922 - F 01530 272 921 sales@assuredsolutionsltd.co.uk - www.assuredsolutionsltd.co.uk

1.4. Emergency telephone number

Emergency number

: 01530 272 922

OFFICE HOURS MONDAY TO THURSDAY 8:30-5:30. FRIDAY : 8:30 - 2:00PM

SECTION 2: Hazards identification

2.1. Classification of the substance or mixt	ure	
Classification according to Regulation (EC) No. 1	272/2008 [CLP]	
Skin corrosion/irritation, Category 1	H314	
Serious eye damage/eye irritation, Category 1	H318	
Full text of H- and EUH-statements: see section 16		
Adverse physicochemical, human health and env	vironmental effects	
Causes severe skin burns and eye damage. Causes	serious eye damage.	
2.2. Label elements		
Labelling according to Regulation (EC) No. 1272/	2008 [CLP]	
Hazard pictograms (CLP)		

	GHS05
Signal word (CLP)	: Danger
Contains	 <5% non-ionic surfactants, amphoteric surfactants, cationic surfactants, phosphates, NTA (nitrilotriacetic acid) and salts thereof.
Hazard statements (CLP)	: H314 - Causes severe skin burns and 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.

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P280 - Wear protective clothing, eye protection, face protection.
P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
Immediately call a doctor.
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a doctor.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
P405 - Store locked up.

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 METASILICATE PENTAHYDRATE	CAS-No.: 6834-92-0 EC-No.: 229-912-9 EC Index-No.: 014-010-00-8 REACH-no: 01-2119449811- 37	≥1-<5	Skin Corr. 1B, H314 STOT SE 3, H335
C9-11 PARETH-6	CAS-No.: 68439-46-3	≥1-<5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
TETRAPOTASSIUM PYROPHOSPATE	CAS-No.: 7320-34-5 EC-No.: 230-785-7 REACH-no: 01-2119489369- 18-XXXX	≥1-<5	Eye Irrit. 2, H319
SODIUM HYDROXIDE	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27	≥1-<5	Skin Corr. 1A, H314
Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides	CAS-No.: 68424-85-1 EC-No.: 270-325-2	≥1-<5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10)
COCAMIDOPROPYL BETAINE	CAS-No.: 70851-07-9 EC-No.: 274-923-4 REACH-no: 01-2119488533- XXXX	≥1-<5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412

Specific concentration limits: see section 16

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.

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First-aid measures after inhalation First-aid measures after skin contact	 Remove person to fresh air and keep comfortable for breathing. Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effects,	both acute and delayed
Symptoms/effects after skin contact Symptoms/effects after eye contact	: Burns. : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the subs	tance 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 measu	ires
6.1. Personal precautions, protective equi	pment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. 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".
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containment	t and cleaning up
Methods for cleaning up Other information	Take up liquid spill into absorbent material.Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	

<u> </u>	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

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Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including an	ny incompatibilities
Storage conditions	Store locked up. Store in a well-ventilated place. Keep cool.
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

SODIUM HYDROXIDE (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

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:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses, Safety goggles	Droplet	clear, Direct-ventilated, Plastic, With side shields	

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Colour: Yellow.Odour: characteristic.Odour threshold: No data availablepH: 13 - 14Relative evaporation rate (butylacetate=1): No data availableMelting point: Not applicableFreezing point: No data availableBoiling point: No data availableFlash point: No data availableFlash point: No data available
Odour threshold:No data availablepH:13 - 14Relative evaporation rate (butylacetate=1):No data availableMelting point:Not applicableFreezing point:No data availableBoiling point:No data availableFlash point:No data available
pH: 13 - 14Relative evaporation rate (butylacetate=1): No data availableMelting point: Not applicableFreezing point: No data availableBoiling point: No data availableFlash point: No data available
Relative evaporation rate (butylacetate=1):No data availableMelting point:Not applicableFreezing point:No data availableBoiling point:No data availableFlash point:No data available
Melting point:Not applicableFreezing point:No data availableBoiling point:No data availableFlash point:No data available
Freezing point: No data availableBoiling point: No data availableFlash point: No data available
Boiling point : No data available Flash point : No data available
Flash point : No data available
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Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability : Not applicable
Vapour pressure : No data available
Relative vapour density at 20°C : No data available
Relative density : 1.075
Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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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 informat	tion
11.1. Information on toxicological effect	S
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified
COCAMIDOPROPYL BETAINE (70851-0	7-9)
LD50 oral rat	2000 mg/kg
TETRAPOTASSIUM PYROPHOSPATE (7	7320-34-5)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:FMC Non-Definitive Dermal Toxicity Protocol (Number 7), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 1.1 mg/l air Animal: rat, Guideline: other:FMC Acute Inhalation Toxicity Protocol Number 27, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: other:US EPA Toxic Substances Health Effect Test Guidelines, October, 1984; (PB82-232984) Acute Inhalation Toxicity Study., Guideline: other:Commission of the European Communities, Council Directive 67/548/EEC, Annex V, Part B.2.; May 1, 1987, Guideline: other:US EPA Pesticide Assessment Guidelines: Subdivision F, Hazard Evaluation: Human and Domestic Animals, Nov, 1984; 81-3 Acute Inhalation Study
Skin corrosion/irritation Serious eye damage/irritation	: Causes severe skin burns. pH: 13 – 14 : Causes serious eye damage.
Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure	pH: 13 – 14 Not classified Not classified Not classified Not classified Not classified Not classified
SODIUM METASILICATE PENTAHYDRA	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
TETRAPOTASSIUM PYROPHOSPATE (7	7320-34-5)
NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90- Day Oral Toxicity in Rodents)
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general Hazardous to the aquatic environment, short–term (acute)	: Before neutralisation, the product may represent a danger to aquatic organisms. : Not classified

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Hazardous to the aquatic environment, long-term : (chronic) Not rapidly degradable	Not classified
TETRAPOTASSIUM PYROPHOSPATE (7320-3	4-5)
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

HEAVY DUTY CLEANER DEGREASER		
Persistence and degradability Readily biodegradable.		
Biodegradation	> 90 %	
C9-11 PARETH-6 (68439-46-3)		
Biodegradation	82 % within 28 days	

HEAVY DUTY CLEANER DEGREASER Bioaccumulative potential Does not bioaccumulate.	ative potential	12.3. Bioaccumulative
Piezegumulative patential	EANER DEGREASER	HEAVY DUTY CLEAN
Does not bloaccumulate.	ential	Bioaccumulative potential

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal consideratio	ons
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

ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number	14.1. UN number				
UN 1760	UN 1760	UN 1760	UN 1760	UN 1760	
14.2. UN proper shippin	g name				
CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION)	Corrosive liquid, n.o.s. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION)	

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ADR	IMDG		ΙΑΤΑ	ADN	RID
Transport document descr	ription		I		I
UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION), 8, III, (E)	UN 1760 CORROSIN LIQUID, N.O.S. (CONTAINS SODIU METASILICATE/SOD HYDROXIDE SOLUTIO 8, III	im IUM	UN 1760 Corrosive liquid, n.o.s. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION), 8, III	UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION), 8, III	UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM METASILICATE/SODIUM HYDROXIDE SOLUTION 8, III
14.3. Transport hazard o	class(es)				<u> </u>
8	8		8	8	8
B	R R R R R R R R R R R R R R R R R R R		A B B B B B B B B B B B B B B B B B B B	Republic to the second	A B B B B B B B B B B B B B B B B B B B
14.4. Packing group					
III	III		III	III	111
14.5. Environmental haz	zards				-
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 information	on available				1
Dverland transport Classification code (ADR) Special provisions (ADR) imited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Aixed packing provisions (ADR) Aixed packing provisions (ADR) Portable tank and bulk contai ADR) Fortable tank and bulk contai ADR) Fank code (ADR) /ehicle for tank carriage Fransport category (ADR) Special provisions for carriage Hazard identification number Drange plates	DR) ner instructions (ADR) ner special provisions e - Packages (ADR) (Kemler No.)	: MF : T7 : TP : L4I : AT : 3 : V1 : 80 : 80 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5	4 01, IBC03, LP01, R001 19 1, TP28 3N 2 2 80 1760		
EAC code APP code Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) BC packing instructions (IMDG) Fank instructions (IMDG) Fank special provisions (IMDG) EmS-No. (Fire)	9G) G)	: 5 L : E1 : P0 : IB0 : T7	3, 274 01, LP01 C03 1, TP28		

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EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW2
Properties and observations (IMDG)	: Causes burns to skin, eyes and mucous membranes.
Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y841
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 852
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 856
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8L
Inland waterway transport	
Classification code (ADN)	: C9
Special provisions (ADN)	: 274
Limited quantities (ADN)	: 5L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0
Rail transport	
Classification code (RID)	: C9
Special provisions (RID)	: 274
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions (RID)	: TP1, TP28
Tank codes for RID tanks (RID)	: L4BN
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 80

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

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

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals) Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Detergent Regulation (648/2004/EC): Ingredient data sheet					
Component CAS-No. %					
AQUA	7732-18-5	≥10%			
disodium metasilicate	6834-92-0	1 - 10%			
C9-11 PARETH-6	68439-46-3	1 - 10%			

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Detergent Regulation (648/2004/EC): Ingredient data sheet				
Component CAS-No. %				
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	1 - 10%		
SODIUM HYDROXIDE	1310-73-2	1 - 10%		
BENZALKONIUM CHLORIDE	68424-85-1	1 - 10%		
COCAMIDOPROPYL BETAINE	70851-07-9	1 - 10%		
trisodium nitrilotriacetate	5064-31-3	0.1 - 1%		

Detergent Regulation (648/2004/EC): Labelling of contents				
Component		%		
non-ionic surfactants, amphoteric surfactants, cationic surfactants, phosphates, NTA (nitrilotriacetic acid) and salts thereof <5%				
15.1.2. National regulations				
Germany				
Employment restrictions	 Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG) 			
Water hazard class (WGK)	: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)			
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)			
Netherlands				
SZW-lijst van kankerverwekkende stoffen	: COCAMIDOPROPYL BETAINE is listed			
SZW-lijst van mutagene stoffen	: COCAMIDOPROPYL BETAINE is listed			
SZW-lijst van reprotoxische stoffen – Borstvoeding	None of the components are listed			
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	None of the components are listed			
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed			
Denmark				
Danish National Regulations	Young people below the age of 18 years are not allowe Pregnant/breastfeeding women working with the produ the product	•		
Switzerland				
Storage class (LK)	LK 8 - Corrosive materials			
15.2. Chemical safety assessment				

No chemical safety assessment has been carried out

SECTION 16: Other information

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	

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Abbreviations and acronyms		
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	
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 disruptor	

Full text of H- and EUH-statements		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
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	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H311	Toxic in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	

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Full text of H- and EUH-statements		
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H335	May cause respiratory irritation.	
H400	Very toxic to aquatic life.	
H412	Harmful to aquatic life with long lasting effects.	
Skin Corr. 1	Skin corrosion/irritation, Category 1	
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

Name	Product identifier	Specific concentration limits
SODIUM HYDROXIDE	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27	$(0.5 \le C < 2)$ Skin Irrit. 2; H315 $(0.5 \le C < 2)$ Eye Irrit. 2; H319 $(2 \le C < 5)$ Skin Corr. 1B; H314 $(5 \le C \le 100)$ Skin Corr. 1A; H314
COCAMIDOPROPYL BETAINE	CAS-No.: 70851-07-9 EC-No.: 274-923-4 REACH-no: 01-2119488533- XXXX	(4 ≤ C < 10) Eye Irrit. 2; H319 (10 ≤ C < 100) Eye Dam. 1; H318

Safety Data Sheet (SDS) Detergent Regulations

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.