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

1.1. Product identifier

Product form	:	Mixture
Trade name	:	Wibe Ultrasonic Soap

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

Relevant identified uses	:	For washing straws in wibe ultrasoinc straw cleaner
Uses advised against	:	No additional information

1.3. Details of the supplier of the safety data sheet

Manufacturer	:	Wibe For Good ApS
Address	:	Svend Aagesens Alle 10B 2650 Hvidovre
Country	:	DENMARK
Email	:	support@wibe.io

1.4. Emergency telephone number

Telephone number	:	+45 93 10 11 13 (only available during office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	:	Eye Dam. 1, H318
Additional information	:	No additional information

2.2. Label elements

Hazard pictogram(s) :

Signal word	:	Danger
Hazard statement(s)	:	H318 - Causes serious eye damage
Precautionary statements	:	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P102 - Keep out of reach of children P280 - Wear eye protection P310 - Immediately call a POISON CENTER/doctor P101 - If medical advice is needed, have product container or label at hand P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting Drink small amount of water to dilute
EUH phrases	:	EUH208 - Contains Protease. May produce an allergic reaction

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Substance name	Product identifier	WT%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	96 – 98	None
Sodium Carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2 (REACH-no) 01-2119485498-19	0,5 – 1	Causes serious eye irritation, 2, H319
Sodium Carbonate Peroxide	(CAS No) 15630-89-4 (EC no) 239-707-6 (REACH-no) 01-2119457268-30	0,5 – 1	May intensify fire; oxidiser, 3, H272 Harmful if swallowed, 4 (Oral), H302 Causes serious eye damage, 1, H318
Copolymer of acrylic and sulphonic acids	(CAS No) 97953-25-8	0,5 – 1	Causes skin irritation, 2, H315
Trideceth-n	(CAS No) 69011-36-5 (EC no) Polymer	0,1 – 0,5	Harmful if swallowed, 4 (Oral), H302 Causes serious eye damage, 1, H318
PEG/PPG-10/2 Propylheptyl Ether	(CAS No) 166736-08-9 (EC no) Polymer	0,1 – 0,5	Harmful if swallowed, 4 (Oral), H302 Causes skin irritation, 2, H315 Causes serious eye irritation, 2, H319 Harmful to aquatic life with long lasting effects, 3, H412
Monosodium Etidronate	(CAS No) 29329-71-3 (EC no) 249-559-4 (REACH-no) 01-2119510382-52	0,1 – 0,5	Harmful if swallowed, 4 (Oral), H302 Causes serious eye irritation, 2, H319
Protease	(CAS No) 9014-01-1 (EC no) 232-752-2 (REACH-no) 01-2119480434-38	< 0,1	Harmful if swallowed, 4 (Oral), H302 Causes skin irritation, 2, H315 Causes serious eye damage, 1, H318 May cause allergy or asthma symptoms or breathing difficulties if inhaled, 1, H334 May cause respiratory irritation, 3, H335

SECTION 4: First aid measures

4.1. Description of first aid measures

Following inhalation : IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Following skin contact : IF ON SKIN: Wash with plenty of Water. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Discontinue use of product.

Following eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Following ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Drink small amount of water to dilute. Immediately call a POISON CENTER or doctor/physician.

Self-protection of the first aider : Wear suitable gloves and eye/face protection

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

Following inhalation	:	Coughing. sneezing.
Following skin contact	:	Redness. Swelling. dryness. Itching.
Following eye contact	:	Severe pain. Redness. Swelling. Blurred vision.
Following ingestion	:	Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhea.

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

Follow above.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	No fire hazard. Non combustible.
Explosion hazard	:	Product is not explosive.
Reactivity	:	No dangerous reactions known.

5.3. Advice for firefighters

No specific firefighting instructions required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	Wear suitable gloves and eye/face protection.
For emergency responders	:	Wear suitable gloves and eye/face protection

6.2. Environmental precautions

Prevent soil and water pollution. Products should be poured down the drain after use.

6.3. Methods and material for containment and cleaning up

For containment	:	Scoop absorbed substance into closing containers.
For cleaning up	:	Scoop absorbed substance into closing containers. For small quantities wash down with water. The material must be disposed as per local legislation.
Other information	:	Avoid contact with skin, eyes, and clothing.

6.4. Reference to other sections

See section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes. Use personal protective equipment as required. Do not eat or drink when using this product. Do not handle until all safety precautions have been read and understood.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Store in a dry environment at room temperature [5 - 25°C]
Packaging materials	:	Store in original container.
Incompatible	:	Not applicable

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

Not applicable

8.1.2. Monitoring procedures

Carbonate Peroxide (15630-89-4)

DNEL/DMEL (Workers)		
Acute - local effects, dermal	:	12.8 mg/cm²
Long-term - local effects, dermal	:	12.8 mg/kg bodyweight/day
Long-term - local effects, inhalation	:	5 mg/m³
DNEL/DMEL (General population)		
Acute - local effects, dermal	:	6.4 mg/cm²
Long-term - local effects, dermal	:	6.4 mg/cm²
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

Protease (9014-01-1)

DNEL/DMEL (Workers)

Acute - local effects, dermal	:	0.2 % in mixture
Long-term - systemic effects, inhalation	:	0.00006 mg/m³
Long-term - local effects, inhalation	:	0.00006 mg/m³

DNEL/DMEL (General population)

Acute - local effects, dermal	:	0.2 % in mixture
Long-term - systemic effects, inhalation	:	0.00015 mg/m³
Long-term - local effects, dermal	:	0.2 % in mixture
Long-term - local effects, inhalation	:	0.00015 mg/m³

PNEC (Water)

PNEC aqua (freshwater)	:	0.00006 mg/l
PNEC aqua (marine water)	:	0.000006 mg/l
PNEC aqua (intermittent, freshwater)	:	0.0009 mg/l

PNEC (Soil)

PNEC soil	:	0.568 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant	:	65 mg/l

Monosodium Etidronate (29329-71-3)

DNEL/DMEL (General population)

Acute - systemic effects, oral	:	6.5 mg/kg bodyweight
Long-term - systemic effects, oral	:	6.5 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	:	0.134 mg/l
PNEC aqua (marine water)	:	0.014 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	:	59 mg/kg dwt
PNEC sediment (marine water)	:	5.9 mg/kg dwt

PNEC (Soil)

PNEC soil	:	41 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant	:	20 mg/l

Sodium Carbonate (497-19-8)

DNEL/DMEL (Workers)

Long-term - local effects, inhalation	:	10 mg/m³

DNEL/DMEL (General population)

Acute - local effects, inhalation	:	10 mg/m³

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Not available.

8.2.2. Personal protective equipment

Eye/face protection	:	Wear eye/face protection
Skin and body protection	:	Wear suitable gloves
Respiratory protection	:	Not applicable
Thermal hazard protection	:	Not applicable

8.2.3. Environmental exposure controls

Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	:	Clear
Physical state	:	Liquid
Colour	:	Light white
Odour	:	Lemon (perfume).
Odour threshold	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flammability	:	No applicable
Explosive limits	:	Product is not explosive
Flash point	:	No data available
Auto-ignition temperature	:	No data available
pH	:	8.5-9.5
Kinematic viscosity	:	No data available
Solubility	:	Soluble in water
Log Pow	:	No data available
Vapour pressure	:	No data available
Density	:	No data available
Relative vapour density	:	No data available

9.2. Other information

No additional information.

SECTION 10: Stability and Reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Not required for normal conditions of use.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on hazard classes

Acute toxicity : Not classified

Wibe Ultrasonic Soap
LD50 oral (calculated) : > 20 g/kg

Trideceth-n (69011-36-5)
LD50 oral rat : 1.08 g/kg
LD50 dermal rat : 2001 mg/kg
ATE CLP (oral) : 1080 mg/kg bodyweight
ATE CLP (dermal) : 2001 mg/kg bodyweight

PEG/PPG-10/2 Propylheptyl Ether (166736-08-9)
LD50 oral rat : 1000 mg/kg
ATE CLP (oral) : 1000 mg/kg bodyweight

Sodium Carbonate Peroxide (15630-89-4)
LD50 oral rat : 893 mg/kg US EPA 1984
LD50 dermal rabbit : 2001 mg/kg US EPA
ATE CLP (oral) : 893 mg/kg bodyweight
ATE CLP (dermal) : 2001 mg/kg bodyweight

Protease (9014-01-1)
LD50 oral rat : 1.5 g/kg
ATE CLP (oral) : 1500 mg/kg bodyweight

Monosodium Etidronate (29329-71-3)
LD50 oral rat : 940 mg/kg bodyweight //OECD 401
ATE CLP (oral) : 940 mg/kg bodyweight

Sodium Carbonate (497-19-8)
LD50 oral rat : 2800 mg/kg
LD50 dermal rabbit : 2001 mg/kg
ATE CLP (oral) : 2800 mg/kg bodyweight
ATE CLP (dermal) : 2001 mg/kg bodyweight

Skin corrosion/irritation : Not classified [pH: 9.5]
Serious eye damage/irritation : Causes serious eye damage. [pH: 9.5]
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified

11.2. Information on other hazards

Likely routes of exposure: ingestion, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Trideceth-n (69011-36-5)

LC50 fishes 1	:	10 mg/l
EC50 Daphnia 1	:	10 mg/l
ErC50 (algae)	:	10 mg/l

Sodium Carbonate Peroxide (15630-89-4)

LC50 fishes 1	:	70.7 mg/l Pimephales promelas; 96 h
EC50 Daphnia 1	:	4.9 mg/l Daphnia pulex; 48 h
NOEC chronic crustacea	:	2 mg/l

Protease (9014-01-1)

LC50 fishes 1	:	8.2 mg/l
LC50 other aquatic organisms 1	:	1000 mg/l
NOEC (chronic)	:	568 mg/l

Monosodium Etidronate (29329-71-3)

LC50 fishes 1	:	195 mg/l //OECD 203; Oncorhynchus mykiss
LC50 other aquatic organisms 1	:	> 250 mg/l ICO; //DIN 38412, 8; Photobacterium phosphoreum
EC50 Daphnia 1	:	527 mg/l //OECD 202; Daphnia magna
NOEC (chronic)	:	200 mg/l
NOEC chronic crustacea	:	6.75 mg/l US EPA 66013-75-009; Daphnia magna
NOEC chronic algae	:	Selenastrum

Sodium Carbonate (497-19-8)

LC50 fishes 1	:	300 mg/l
EC50 Daphnia 1	:	200 mg/l

12.2. Persistence and degradability

Trideceth-n (69011-36-5)

Persistence and degradability	:	The substance is biodegradable. Unlikely to persist.
Biodegradation	:	> 60 %

Protease (9014-01-1)

Biodegradation	:	102 %

Monosodium Etidronate (29329-71-3)

Biodegradation	:	1.6 %

12.3. Bioaccumulative potential

Sodium Carbonate Peroxide (15630-89-4)

Bioaccumulative potential	:	Not measured.

Protease (9014-01-1)

Log Pow	:	-3.1
Bioaccumulative potential	:	Not expected to bioaccumulate due to the low log Pow (log Pow < 4).

Monosodium Etidronate (29329-71-3)

Log Pow	:	-3.5
Bioaccumulative potential	:	Not expected to bioaccumulate due to the low log Pow (log Pow < 4).

12.4. Mobility in soil

Monosodium Etidronate (29329-71-3)

Log Koc	:	16610

12.5. Results of PBT and vPvB assessment

Assessment of Wibe Ultrasonic Soap is no presence of PBT and vPvB ingredients.

Component		
Dipropylene Glycol (25265-71-8)	:	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Pentasodium Triphosphate (7758-29-4)	:	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Titanium Dioxide (13463-67-7)	:	PBT: not relevant – no registration required vPvB: not relevant – no registration required
Sodium Carbonate Peroxide (15630-89-4)	:	PBT: not relevant – no registration required vPvB: not relevant – no registration required
Monosodium Etidronate (29329-71-3)	:	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
TAED (10543-57-4)	:	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal

Disposal must be done according to local regulations. The waste codes/waste designations below are in accordance with EWC (European Waste Catalogue).

Product : EWC Code 20 01 29 [detergents containing hazardous substances]
Packaging : EWC Code 15 01 10 [packaging containing residues of or contaminated by hazardous substance]

13.1.2. Waste treatment-relevant information

No additional information.

13.1.3. Sewage disposal-relevant information

No additional information.

13.1.4. Other disposal recommendations

No additional information.

SECTION 14: Transport information

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

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

No REACH Annex XVII restrictions
Contains no substance on the REACH candidate list

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

16.1. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification procedure
May intensify fire; oxidiser, 3, H272	Bridging principle "Dilution".
Harmful if swallowed, 4 (Oral), H302	Bridging principle "Dilution".
Causes skin irritation, 2, H315	Bridging principle "Dilution".
Causes serious eye damage, 1, H318	Bridging principle "Dilution".
Causes serious eye irritation, 2, H319	Bridging principle "Dilution".
May cause allergy or asthma symptoms or breathing difficulties if inhaled, 1, H334	Bridging principle "Dilution".
May cause respiratory irritation, 3, H335	Bridging principle "Dilution".
Harmful to aquatic life with long lasting effects, 3, H412	Bridging principle "Dilution".

End of Safety Data Sheet