

# SAFETY DATA SHEET

Revision date: 12/09/2022

## SECTION 1

### Product & Supplier Identification

#### 1.1 Product identifier:

Product Name: Ultrasonic Powder for Engine & Machine  
Product Code: UTENG200, UTENG400, UTENG600

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

Relevant used: Chemical cleaning product for professional users/industrial user only.  
Uses advised against: All uses not specified in this section or in section 7.3

#### 1.3 Detail of the supplier of the safety data sheet:

Company: Shesto Ltd  
Address: Sunley House, Olds Approach, Watford WD18 9TB, United Kingdom  
Telephone: +44 (0)20 8451 6188

#### 1.4 Emergency telephone number

Emergency telephone number: 999

## SECTION 2

### Hazards Identification

#### 2.1 Classification of the mixture:

##### CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Acute Tox. 4: Acute inhalation toxicity, Category 4, H332

Eye Irrit. 2: Eye irritation, Category 2, H319

Skin Irrit. 2: Skin irritation, Category 2, H315

#### 2.2 Label elements:

##### CLP Regulation (EC) No 1272/2008:

Warning



##### Hazard statements:

Acute Tox. 4: H332 - Harmful if inhaled.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Skin Irrit. 2: H315 - Causes skin irritation.

##### Precautionary statements:

P264: Wash thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/protective footwear.

P302+P352: IF ON SKIN: Wash with plenty of water.

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.

#### 2.3 Other Hazards:

Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to meet the criteria.





**SECTION 3**
**Composition/Information on Ingredient**
**3.1 Substance:**

Non-applicable

**3.2 Mixture:**
**Chemical description:** mixture of substances

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS:497-19-8 EC: 207-838-8 Index: 011-005-00-2 REACH: 01-2119485498-19-XXXX	sodium carbonate <sup>(1)</sup>	ATP CLP00	30 - <50 %
	Regulation 1272/2008 Eye Irrit. 2: H319 - Warning		
CAS: 15630-89-4 EC: 239-707-6 Index: Non-applicable REACH: 01-2119457268-30-XXXX	Disodium carbonate, compound with hydrogen peroxide (2:3) <sup>(1)</sup>	Self-classified	1 - <10 %
	Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Ox. Sol. 2: H272 - Danger		
CAS:497-19-8 EC: 600-279-4 Index: 014-010-00-8 REACH: 01-2119449811-37-XXXX	Disodium metasilicate· 5 H2O <sup>(1)</sup>	ATP CLP00	1 - <10 %
	Regulation 1272/2008 Skin Corr. 1B: H314; STOT SE 3: H335 - Danger		
CAS: 151-21-3 EC: 205-788-1 Index: Non-applicable REACH: 01-2119489461-32-XXXX	Sodium dodecyl sulphate (powder) <sup>(1)</sup>	Self-classified	1 - <10 %
	Regulation 1272/2008 Acute Tox. 4: H302+H332; Eye Dam. 1: H318; Flam. Sol. 2: H228; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger		

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult section 11, 12 and 16

**Other Information:**

Identification	Specific concentration limit
Disodium carbonate, compound with hydrogen peroxide (2:3) CAS: 10213-79-3 EC: 239-707-6	% (w/w) >=25: Eye Dam. 1 - H318 7.5<= % (w/w) <25: Eye Irrit. 2 - H319
Sodium dodecyl sulphate (powder) CAS: 151-21-3 EC: 205-788-1	% (w/w) >=20: Eye Dam. 1 - H318 10<= % (w/w) <20: Eye Irrit. 2 - H319

**SECTION 4**
**First Aid Measures**
**4.1 Description of First Aid Measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

#### 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

### SECTION 5

#### Fire Fighting Measures

##### 5.1 Extinguishing Media

###### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. Use preferably water.

###### Unsuitable extinguishing media:

Non-applicable

##### 5.2 Special Hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

##### 5.3 Advice for Fire Fighters

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-container breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

###### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6

#### Accidental Release Measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

###### For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal  
For emergency responders: See section 8.

**6.2 Environmental precautions** This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

##### 6.3 Methods and material for containment and cleaning up

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

##### 6.4 Reference to other sections

See sections 8 and 13.

### SECTION 7

#### Handling & Storage

##### 7.1 Precautions for safe handling

###### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and destroy using safe methods (section 6).

###### B.- Technical recommendations for the prevention of fires and explosions

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

### C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

### D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

## 7.2 Conditions for safe storage, including any incompatibilities:

### A.- Technical measures for storage

Minimum Temp.: 0 °C  
 Maximum Temp.: 40 °C  
 Maximum time: 24 Months

### B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

## 7.3 Specific end use(s)

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

## SECTION 8

## Exposure Control/ Personal Protection

### 8.1 Control parameters

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m<sup>3</sup> // Respirable dust 4 mg/m<sup>3</sup>

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
sodium carbonate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 497-19-8	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 207-838-8	Inhalation	Non-applicable	Non-applicable	Non-applicable	10 mg/m <sup>3</sup>
Disodium carbonate, compound with hydrogen peroxide (2:3)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 15630-89-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 239-707-6	Inhalation	Non-applicable	Non-applicable	Non-applicable	5 mg/m <sup>3</sup>
Disodium metasilicate· 5 H <sub>2</sub> O	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 10213-79-3	Dermal	Non-applicable	Non-applicable	1,49 mg/kg	Non-applicable
EC: 600-279-4	Inhalation	Non-applicable	Non-applicable	6,22 mg/m <sup>3</sup>	Non-applicable
Sodium dodecyl sulphate (powder)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 151-21-3	Dermal	Non-applicable	Non-applicable	4060 mg/kg	Non-applicable
EC: 205-788-1	Inhalation	Non-applicable	Non-applicable	285 mg/m <sup>3</sup>	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
sodium carbonate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 497-19-8	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 207-838-8	Inhalation	Non-applicable	10 mg/m <sup>3</sup>	Non-applicable	Non-applicable
Disodium metasilicate· 5 H <sub>2</sub> O	Oral	Non-applicable	Non-applicable	0,74 mg/kg	Non-applicable
CAS: 10213-79-3	Dermal	Non-applicable	Non-applicable	0,74 mg/kg	Non-applicable
EC: 600-279-4	Inhalation	Non-applicable	Non-applicable	1,55 mg/m <sup>3</sup>	Non-applicable
Sodium dodecyl sulphate (powder)	Oral	Non-applicable	Non-applicable	24 mg/kg	Non-applicable
CAS: 151-21-3	Dermal	Non-applicable	Non-applicable	2440 mg/kg	Non-applicable
EC: 205-788-1	Inhalation	Non-applicable	Non-applicable	85 mg/m <sup>3</sup>	Non-applicable

**PNEC:**

Identification				
Disodium carbonate, compound with hydrogen peroxide (2:3)	STP	16,24 mg/L	Fresh water	0,035 mg/L
CAS: 15630-89-4	Soil	Non-applicable	Marine water	0,035 mg/L
EC: 239-707-6	Intermittent	0,035 mg/L	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable
Disodium metasilicate· 5 H <sub>2</sub> O	STP	1000 mg/L	Fresh water	7,5 mg/L
CAS: 10213-79-3	Soil	Non-applicable	Marine water	1 mg/L
EC: 600-279-4	Intermittent	7,5 mg/L	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable
Sodium dodecyl sulphate (powder)	STP	1,35 mg/L	Fresh water	0,176 mg/L
CAS: 151-21-3	Soil	1,29 mg/kg	Marine water	0,018 mg/L
EC: 205-788-1	Intermittent	0,055 mg/L	Sediment (Fresh water)	6,97 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,697 mg/kg



**8.2 Exposure controls**
**A.- Individual protection measures, such as personal protective equipment**

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) Z016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

**B.- Respiratory protection**



The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

**C.- Specific protection for the hands**



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+ A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



**D.- Eye and face protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

**E.- Body protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

## F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Emergency eye wash	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m <sup>3</sup> (0 g/L)
Average carbon number:	Non-applicable
Average molecular weight:	Non-applicable

## SECTION 9

## Physical & Chemical Properties

### 9.1 Information on basic physical and chemical properties

For complete information see the product datasheet.

#### Appearance:

Physical state at 20 °C:	Solid
Appearance:	Powdery
Colour:	White
Odour:	Characteristic
Odour threshold:	Non-applicable *

#### Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *

#### Product description:

Density at 20 °C:	1934,6 kg/m <sup>3</sup>
Relative density at 20 °C:	1,935
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	10 – 11
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

#### Flammability:

Flash Point:	Non-applicable
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	Non-applicable *
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

#### Explosive (Solid):

Lower explosive limit:	Non-applicable *
Upper explosive limit:	Non-applicable *

#### Particle characteristics:

Median equivalent diameter:	Non-applicable *
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## 9.2 Other information: No data available

### Information with regard to physical hazard classes:

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *

Aerosols-total percentage (by mass) of flammable components: Non-applicable \*

### Other safety characteristics:

Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

## SECTION 10

## Stability & Reactivity

### 10.1 Reactivity

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

### 10.2 Chemical stability

Chemically stable under the indicated conditions of storage, handling and use.

### 10.3 Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 10.4 Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Precaution	Not applicable	Precaution	Precaution	Not applicable

### 10.5 Incompatible materials

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Precaution	Avoid alkalis or strong bases

### 10.6 Hazardous decomposition products

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## SECTION 11

## Toxicological Information

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

The experimental information related to the toxicological properties of the product itself is not available

#### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

#### A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

#### B- Inhalation (acute effect):

- Acute toxicity: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**C- Contact with the skin and the eyes (acute effect):**

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

**D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.

IARC: Non-applicable

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
sodium carbonate	LD50 Oral	2800 mg/kg	Rat
CAS: 497-19-8	LD50 Dermal	Non-applicable	
EC: 207-838-8	LC50 Inhalation	Non-applicable	
Disodium carbonate, compound with hydrogen peroxide (2:3)	LD50 Oral	1034 mg/kg	Rat
CAS: 15630-89-4	LD50 Dermal	Non-applicable	
EC: 239-707-6	LC50 Inhalation	Non-applicable	
Sodium dodecyl sulphate (powder)	LD50 Oral	1200 mg/kg	Rat
CAS: 151-21-3	LD50 Dermal	Non-applicable	
EC: 205-788-1	LC50 Inhalation	1,5 mg/L (ATEi)	

**11.2 Information on other hazards: Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

**Other information**

Non-applicable

**SECTION 12**
**Ecological Information**
**12.1 Toxicity**

Acute toxicity:

Identification	Concentration		Species	Genus
sodium carbonate	LC50	740 mg/L (96 h)	Gambusia affinis	Fish
CAS: 497-19-8	EC50	265 mg/L (48 h)	Daphnia magna	Crustacean
EC: 207-838-8	EC50	Non-applicable		
Disodium metasilicate· 5 H <sub>2</sub> O	LC50	210 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 10213-79-3	EC50	216 mg/L (96 h)	Daphnia magna	Crustacean
EC: 600-279-4	EC50	Non-applicable		



## 12.2 Persistence and degradability

Non-applicable

## 12.3 Bioaccumulative potential

Non-applicable

## 12.4 Mobility in soil

Non-applicable

## 12.5 Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria

## 12.6 Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

## 12.7 Other adverse effects

Not described

## SECTION 13

## Disposal Considerations

### 13.1 Waste treatment methods

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

#### Type of waste (Regulation (EU) No 1357/2014):

HP4 Irritant— skin irritation and eye damage

#### waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product. It will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

#### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

## SECTION 14

## Transport Information

This product is not regulated for transport (ADR/RID,IMDG,IATA)

## SECTION 15

## Regulatory Information

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

#### Regulation (EC) No 648/2004 on detergents:

In accordance with this regulation the product complies with the following:

The tensoactives contained in this mixture comply with the biodegradability criteria stipulated in Regulation (EC) n°648/2004 on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

#### Labelling for contents:

Component	Concentration interval
Oxygen-based bleaching agents	% (w/w) < 5
Anionic surfactants	% (w/w) < 5
EDTA and salts thereof	% (w/w) < 5
Phosphonates	% (w/w) < 5

**Seveso III:**

Non-applicable

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Non-applicable

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII
- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

## 15.2 Chemical Safety Assessment

The supplier has not carried out evaluation of chemical safety.

**SECTION 16****Other Information****Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Substances that contribute to the classification (SECTION 2):

· Removed substances

Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)

Disodium metasilicate· 5 H<sub>2</sub>O (10213-79-3)

Sodium dodecyl sulphate (powder) (151-21-3)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Pictograms
- Hazard statements
- Precautionary statements

TRANSPORT INFORMATION (SECTION 14):

- UN number
- Packing group

**Texts of the legislative phrases mentioned in section 2:**

H332: Harmful if inhaled.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Sol. 2: H228 - Flammable solid.

Ox. Sol. 2: H272 - May intensify fire, oxidiser.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

STOT SE 3: H335 - May cause respiratory irritation.

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer