

# SAFETY DATA SHEET



## Super Cleaner

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

#### 1.1 Product identifier

**Product name** : Super Cleaner  
**UFI** : 3W71-10WU-100N-CHYE  
**Product code** : B000310  
**Product description** : Cleaner.

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

Identified uses
Professional use; Washing, cleaning, maintenance products.

#### Uses advised against

This product should not be used for applications other than those described in Section 1.

#### 1.3 Details of the supplier of the safety data sheet

Spectro B.V.  
Grevelingenmeer 2  
NL-5347 JP Oss  
T : +31(0)412631956  
I : www.spectro.nl

**e-mail address of person responsible for this SDS** : sds@spectro.nl

#### 1.4 Emergency telephone number

##### National advisory body/Poison Centre

**Telephone number** : +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in case of acute intoxications)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

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

Eye Irrit. 2, H319

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H319 - Causes serious eye irritation.

##### Precautionary statements

Super Cleaner

## SECTION 2: Hazards identification

**Prevention** : P280 - Wear eye or face protection.  
**Response** : P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice or attention.

**Supplemental label elements** : Not applicable.

### Special packaging requirements

**Containers to be fitted with child-resistant fastenings** : Not applicable.

**Tactile warning of danger** : Not applicable.

### 2.3 Other hazards

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** : None known.

## SECTION 3: Composition/information on ingredients

**3.2 Mixtures** : Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Poly(oxy-1,2-ethanediyl), $\alpha$ -(2-propylheptyl)- $\omega$ -hydroxy-	EC: 605-233-7 CAS: 160875-66-1	<10	Acute Tox. 4, H302 Eye Dam. 1, H318	ATE [Oral] = 500 mg/kg Eye Dam. 1, H318: C $\geq$ 10% Eye Irrit. 2, H319: 1% $\leq$ C < 10%	[1]
2-butoxyethanol	REACH #: 01-2119475108-36 EC: 203-905-0 CAS: 111-76-2 Index: 603-014-00-0	$\leq$ 5	Acute Tox. 4, H302 Acute Tox. 3, H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319	ATE [Oral] = 1200 mg/kg ATE [Inhalation (vapours)] = 3 mg/l	[1] [2]
sodium p-cumenesulphonate	REACH #: 01-2119489411-37 EC: 239-854-6 CAS: 15763-76-5	$\leq$ 3	Eye Irrit. 2, H319	-	[1]
2-aminoethanol	REACH #: 01-2119486455-28 EC: 205-483-3 CAS: 141-43-5 Index: 603-030-00-8	<1	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412  <b>See Section 16 for the full text of the H statements declared above.</b>	ATE [Oral] = 1720 mg/kg ATE [Dermal] = 1100 mg/kg ATE [Inhalation (vapours)] = 11 mg/l STOT SE 3, H335: C $\geq$ 5%	[1] [2]

Super Cleaner

## SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Stop if the exposed person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. See chapter 8 of this Safety Data Sheet for specifications.

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

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific measures identified.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : None known.

### 5.2 Special hazards arising from the substance or mixture

Super Cleaner

## SECTION 5: Firefighting measures

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
sulfur oxides  
phosphorus oxides  
metal oxide/oxides

### 5.3 Advice for firefighters

- Special protective equipment for fire-fighters** : Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SECTION 6: Accidental release measures

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

- For non-emergency personnel** : Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8 of the safety data sheet (personal protective equipment).
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

### 6.2 Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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

- : Stop leak if without risk. Absorb with liquid-binding material (sand, diatomite, universal binders etc.) or use a spill kit. Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 6.4 Reference to other sections

- : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

- Recommendations** : Not available.

Super Cleaner

## SECTION 7: Handling and storage

Industrial sector specific solutions : Not available.

## SECTION 8: Exposure controls/personal protection

The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 8.1 Control parameters

#### Occupational exposure limits

Product/ingredient name	Exposure limit values
2-butoxyethanol	<b>Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 12/2022). Absorbed through skin.</b> TWA: 100 mg/m <sup>3</sup> 8 hours. STEL: 246 mg/m <sup>3</sup> 15 minutes.
2-aminoethanol	<b>Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 12/2022). Absorbed through skin.</b> TWA: 2.5 mg/m <sup>3</sup> 8 hours. STEL: 7.6 mg/m <sup>3</sup> 15 minutes. TWA: 1 ppm 8 hours. STEL: 3 ppm 15 minutes.

#### Biological exposure indices

No exposure indices known.

#### DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects	
2-butoxyethanol	DNEL	Short term Inhalation	246 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Short term Inhalation	633 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Short term Dermal	89 mg/kg	Workers	Systemic	
	DNEL	Long term Dermal	75 mg/kg bw/day	Workers	Systemic	
	DNEL	Long term Inhalation	98 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Short term Inhalation	231 mg/m <sup>3</sup>	General population [Consumers]	Local	
	DNEL	Short term Inhalation	426 mg/m <sup>3</sup>	General population [Consumers]	Systemic	
	DNEL	Long term Inhalation	49 mg/m <sup>3</sup>	General population [Consumers]	Systemic	
	DNEL	Long term Dermal	38 mg/kg bw/day	General population [Consumers]	Systemic	
	DNEL	Short term Dermal	44.5 mg/kg bw/day	General population [Consumers]	Systemic	
	DNEL	Long term Oral	3.2 mg/kg bw/day	General population [Consumers]	Systemic	
	DNEL	Short term Oral	13.4 mg/kg bw/day	General population [Consumers]	Systemic	
	DNEL	Long term Inhalation	98 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Short term Inhalation	633 mg/m <sup>3</sup>	General population [Consumers]	Systemic	
	DNEL	Long term Oral	6.3 mg/kg bw/day	General population	Systemic	
	DNEL	Short term Oral	26.7 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	59 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Inhalation	98 mg/m <sup>3</sup>	Workers	Systemic	
	sodium p-cumenesulphonate	DNEL	Short term Inhalation	147 mg/m <sup>3</sup>	General population	Local
		DNEL	Short term Inhalation	246 mg/m <sup>3</sup>	Workers	Local
DNEL		Short term Inhalation	426 mg/m <sup>3</sup>	General population	Systemic	
DNEL		Short term Inhalation	1091 mg/m <sup>3</sup>	Workers	Systemic	
DNEL		Long term Dermal	7.6 mg/kg	Workers	Systemic	
DNEL		Long term Inhalation	53.6 mg/m <sup>3</sup>	Workers	Systemic	
DNEL		Long term Dermal	3.8 mg/kg	General population [Consumers]	Systemic	
DNEL		Long term Inhalation	13.2 mg/m <sup>3</sup>	General population [Consumers]	Systemic	
DNEL		Long term Oral	3.8 mg/kg bw/day	General population [Consumers]	Systemic	
DNEL		Long term Dermal	0.048 mg/cm <sup>2</sup>	General population	Local	
DNEL		Long term Dermal	0.096 mg/cm <sup>2</sup>	Workers	Local	
DNEL		Long term Oral	3.8 mg/kg bw/day	General population	Systemic	
DNEL		Long term Inhalation	6.6 mg/m <sup>3</sup>	General population	Systemic	
DNEL		Long term Inhalation	37.4 mg/m <sup>3</sup>	Workers	Systemic	
2-aminoethanol	DNEL	Long term Dermal	68.1 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	191 mg/kg bw/day	Workers	Systemic	
	DNEL	Long term Dermal	1 mg/kg	Workers	Systemic	
	DNEL	Long term Inhalation	3.3 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Long term Dermal	0.24 mg/kg	General population [Consumers]	Systemic	
	DNEL	Long term Oral	3.75 mg/kg	General population [Consumers]	Systemic	

Super Cleaner

## SECTION 8: Exposure controls/personal protection

	DNEL	Long term Inhalation	2 mg/m <sup>3</sup>	General population [Consumers]	Local
	DNEL	Long term Inhalation	0.18 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	0.28 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	0.51 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	1 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Oral	1.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	1.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	3 mg/kg bw/day	Workers	Systemic

### PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
2-butoxyethanol	Fresh water sediment	8.14 mg/kg	-
	Soil	2.8 mg/kg	-
	Sewage Treatment Plant	463 mg/l	-
	Marine water sediment	3.46 mg/kg	-
sodium p-cumenesulphonate	Fresh water	8.8 mg/l	-
	Fresh water	0.23 mg/l	-
2-aminoethanol	Sewage Treatment Plant	100 mg/l	-
	Fresh water	0.085 mg/l	-
	Marine water	0.0085 mg/l	-
	Sewage Treatment Plant	100 mg/l	-
	Fresh water sediment	0.425 mg/kg dwt	-
	Marine water sediment	0.0425 mg/kg wwt	-
	Soil	0.035 mg/kg dwt	-

## 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety glasses with side shields.

### Skin protection

**Hand protection** : Wear suitable gloves tested to EN374. Gloves nitrile rubber > 0.35 mm thickness.

**Body protection** : Under normal conditions of handling and use, no additional skin protection measures should be necessary.

**Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.

**Environmental exposure controls** : Do not release undiluted and unneutralised into the sewer.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Liquid.
- Colour** : Clear. Yellow. [Fluorescent]
- Odour** : Perfumed
- Odour threshold** : Not available.
- Melting point/freezing point** : <0°C
- Initial boiling point and boiling range** : >100°C
- Flammability (solid, gas)** : Not available.
- Upper/lower flammability or explosive limits** : Not available.
- Flash point** : Not applicable.
- Auto-ignition temperature** :

Super Cleaner

## SECTION 9: Physical and chemical properties

Ingredient name	°C	Method
2-butoxyethanol	230	DIN 51794
citral	225	DIN 51794
citronellal	202	DIN 51794

**Decomposition temperature** : Not available.  
**pH** : 11.2 [Conc. (% w/w): 100%]  
**Viscosity** : Not available.  
**Solubility(ies)** :

Media	Result
cold water	Easily soluble

**Solubility in water** : Not available.  
**Miscible with water** : Yes.  
**Partition coefficient: n-octanol/ water** : Not applicable.

**Vapour pressure** :

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
water	17.5	2.3				
(R)-p-mentha-1,8-diene	1.5	0.2				
l.-alpha.-Pinene	5.18	0.69				

**Evaporation rate** : Not available.  
**Relative density** : 1.03  
 Not available.  
**Vapour density** : Not available.  
**Explosive properties** : Not available.  
**Oxidising properties** : Not available.  
**Particle characteristics**  
**Median particle size** : Not applicable.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.  
**10.2 Chemical stability** : The product is stable.  
**10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.  
**10.4 Conditions to avoid** : No specific data.  
**10.5 Incompatible materials** : No specific data.  
**10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Super Cleaner

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-butoxyethanol sodium p-cumenesulphonate	LD50 Oral	Rat	917 mg/kg	-
	LD50 Dermal	Rabbit	2001 mg/kg	-
2-aminoethanol	LD50 Oral	Rat	2001 mg/kg	-
	LD50 Oral	Rat	1720 mg/kg	-

**Conclusion/Summary** : Not available.

#### 2.1 Classification of the substance or mixture

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Superreiniger Licht alkalisch	7079.6	N/A	N/A	80	N/A
Poly(oxy-1,2-ethanediyl), $\alpha$ -(2-propylheptyl)- $\omega$ -hydroxy-	500	N/A	N/A	N/A	N/A
2-butoxyethanol	1200	N/A	N/A	3	N/A
sodium p-cumenesulphonate	2001	2001	N/A	N/A	N/A
2-aminoethanol	1720	1100	N/A	11	N/A

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Poly(oxy-1,2-ethanediyl), $\alpha$ -(2-propylheptyl)- $\omega$ -hydroxy-	Eyes - Moderate irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-
2-butoxyethanol	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes - Severe irritant	Rabbit	-	100 mg	-
2-aminoethanol	Skin - Mild irritant	Rabbit	-	500 mg	-
	Eyes - Severe irritant	Rabbit	-	250 ug	-
	Skin - Moderate irritant	Rabbit	-	505 mg	-

#### Mutagenicity

**Conclusion/Summary** : No known significant effects or critical hazards.

#### Carcinogenicity

**Conclusion/Summary** : No additional remark.

#### Reproductive toxicity

**Conclusion/Summary** : No known significant effects or critical hazards.

#### Teratogenicity

**Conclusion/Summary** : No known significant effects or critical hazards.

#### Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
2-aminoethanol	Category 3	-	Respiratory tract irritation

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.



Super Cleaner

## SECTION 11: Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:  
 pain or irritation  
 watering  
 redness

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

None of the components are listed.

#### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Poly(oxy-1,2-ethanediyl), $\alpha$ - (2-propylheptyl)- $\omega$ -hydroxy-	Acute EC50 >10 mg/l	Aquatic plants	72 hours
2-butoxyethanol	Acute EC50 >10 mg/l	Daphnia	48 hours
	Chronic NOEC >1 mg/l	Fish	-
	Acute EC50 >1000 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 800000 $\mu$ g/l Marine water	Crustaceans - <i>Crangon crangon</i>	48 hours
sodium p-cumenesulphonate	Acute LC50 1250 ppm Marine water	Fish - <i>Menidia beryllina</i>	96 hours
	EC50 100 mg/l	Algae	96 hours
	EC50 100 mg/l	Daphnia	48 hours
2-aminoethanol	LC50 100 mg/l	Fish	96 hours
	Acute EC50 14.04 mg/l Fresh water	Algae - <i>Desmodesmus subspicatus</i>	72 hours
	Acute LC50 >100000 $\mu$ g/l Marine water	Crustaceans - <i>Crangon crangon</i> - Adult	48 hours
	Acute LC50 170 mg/l Fresh water	Fish - <i>Carassius auratus</i>	96 hours

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Not available.
Poly(oxy-1,2-ethanediyl), $\alpha$ - (2-propylheptyl)- $\omega$ -hydroxy- sodium p-cumenesulphonate	OECD 301B	>60 % - 28 days	-	-
	OECD 301	>60 % - Readily - 28 days	-	-

**Conclusion/Summary** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Poly(oxy-1,2-ethanediyl), $\alpha$ - (2-propylheptyl)- $\omega$ -hydroxy- sodium p-cumenesulphonate	-	-	Readily
	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
2-butoxyethanol	0.81	-	Low
sodium p-cumenesulphonate	-1.1	-	Low
2-aminoethanol	-1.31	-	Low

### 12.4 Mobility in soil

Super Cleaner

## SECTION 12: Ecological information

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

None of the components are listed.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### European waste catalogue (EWC)

Waste code	Waste designation
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>14.2 UN proper shipping name</b>	-	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-	-
<b>14.4 Packing group</b>	-	-	-	-

Super Cleaner

## SECTION 14: Transport information

14.5 Environmental hazards	No.	No.	No.	No.

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

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

**EU Regulation (EC) No. 1907/2006 (REACH)**

**Annex XIV - List of substances subject to authorisation**

**Annex XIV**

None of the components are listed.

**Substances of very high concern**

None of the components are listed.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

**Other EU regulations**

**Declaration of ingredients according to Regulation 648/2004/EC on detergents**

**Annex VIIA - Labelling for Contents** : 5% or over but less than 15%: non-ionic surfactants. less than 5%: phosphates, perfumes, (R)-p-mentha-1,8-diene.

**Prior Informed Consent (PIC) (649/2012/EU)**

Not listed.

**National regulations**

**Water Discharge Policy (ABM)** : B(4) Low hazard for aquatic organisms. Decontamination effort: B

**15.2 Chemical safety assessment** : Not applicable.

## SECTION 16: Other information

🔍 Indicates information that has changed from previously issued version.

Super Cleaner

## SECTION 16: Other information

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 N/A = Not available  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number  
 SGG = Segregation Group  
 vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Eye Irrit. 2, H319	Calculation method

### Full text of abbreviated H statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

### Full text of classifications [CLP/GHS]

Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

**Date of printing** : 1/8/2024  
**Date of issue/ Date of revision** : 11/20/2023  
**Date of previous issue** : 1/30/2023  
**Version** : 4

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.