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	Issue date: 15-02-2021
<b>Cleaner for soft ice cream and whipped cream makers</b>	
	According to: Regulation (EC) 1907/2006

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Trade name : Soft ice cream and whipped cream machine cleaner  
 Synonyms : Art. 976746

Unique formula identifier (UFI) : WE0X-U8SW-9005-QH7G

### 1.2 Relevant identified uses and uses advised against

Relevant identified uses : Cleaning agent.  
 Uses advised against : No information available.

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

Supplier : Hendi BV, Innovatielaan 6, 6745 XW De Klomp, The Netherlands  
 tel: +31 (0)317 681040  
 info@hendi.eu  
 www.hendi.eu

1.4 Emergency telephone number : +49(0)160-92250872

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### CLP Regulation (EC 1272/2008)

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye irrit. 2

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

### 2.2 Label elements

CLP Regulation (EC 1272/2008)

Pictogram(s) : GHS07



Signal word : Warning

Hazard statement(s) : H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

Precautionary statement(s) : P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P280 Wear protective gloves and eye/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 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/attention.

### 2.3 Other hazards

: Further Information: Restricted to professional users. Safety data sheet available for professional user on request. Notice the directions for use on the label. To avoid risks to man and the environment, comply with the instructions for use.

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Labelling for contents according to regulation (EC) No. 648/2004: < 5 % cationic surfactants, non-ionic surfactants, phosphates.  
 The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substance** : Not relevant

**3.2 Mixture:**

Chemical name	CAS number	EC number Index nr	Registration nr	%	Hazard statements
Tetrapotassium Pyrophosphate	7320-34-5	230-785-7	-	5 - <10	Eye Irrit. 2; H319
Alkylpolyglucoside C8-10	68515-73-1	500-220-1	01-2119488530-36	1 - <5	Eye Dam. 1; H318
Quaternary Ammonium Compounds, Benzyl-C12-16-alkyldimethyl chloride	68424-85-1	270-325-2	-	1 - <5	Met. Corr. 1, Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1; H290 H302 H314 H400

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

**Specific concentration limits and M-factors**

Chemical name	CAS number	EC number	%	Specific concentration limits and M-factors
Alkylpolyglucoside C8-10	68515-73-1	500-220-1	1 - <5	Eye Dam. 1; H318: >= 10 - 100

**SECTION 4. FIRST AID MEASURES**
**4.1 Description of first aid measures**

General	: Remove contaminated, saturated clothing immediately. Do NOT induce vomiting.
Inhalation	: Provide fresh air. Consult physician.
Contact with skin	: After contact with skin, wash immediately with: Water.
Contact with eyes	: If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.
Ingestion	: Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician immediately.

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

Treat symptomatically.

**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 jet /Alcohol resistant Foam / Carbon dioxide (CO2) / Dry extinguishing powder / Extinguishing powder. Co-ordinate fire-fighting measures to the fire surroundings.
Unsuitable extinguishing media	: Full water jet.

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

: Hazardous combustion products: carbon dioxide (CO<sub>2</sub>), carbon monoxide, nitrogen oxide (NO<sub>x</sub>).

**5.3 Advice for firefighters**

: In case of fire: Wear self-contained breathing apparatus. Wear chemical protection suit. In case of fire and/or explosion do not breathe fumes. Precipitate gases/vapours/mists with water spray jet. DIN/EN standards: DIN EN 469

**Additional information:** Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Dispose of waste according to applicable legislation.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**
**6.1 Personal precautions, protective equipment & emergency procedures:**

Use personal protective equipment. Risk of slipping if the product leaks or spills. Avoid contact with eyes and skin.

**6.2 Environmental precautions**

: Do not allow to enter into surface water or drains.

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

: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

**6.4 Reference to other sections**

: For handling and storage – section 7.  
 For personal protection - section 8.  
 Disposal - section 13

**SECTION 7. HANDLING AND STORAGE**
**7.1 Precautions for safe handling**

: Advice on safe handling: Keep only in the original container.  
Advice on protection against fire and explosion: No special precautionary measures are necessary.  
Further information on handling: Notice the directions for use on the label.

**7.2 Conditions for safe storage**

: Requirements for storage rooms and vessels: Keep away from food, drink and animal feeding stuffs. Store only in original container.

**7.3 Specific end use(s) : SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1 Control parameters**

Additional advice on limit values: To date, no national critical limit values exist.

**8.2. Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

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**Protective and hygiene measures**

Do not eat, drink, smoke or snort at the workplace.

**Eye/face protection**

Tightly sealed safety glasses (needed for: fill and pour).

**Hand protection**

Recommended material: NBR (Nitrile rubber). Thickness of the glove material: 0,11 mm

Penetration time (maximum wearing period): 480 min

NR (Natural rubber (Caoutchouc), Natural latex). Thickness of the glove material: 0,40 mm

Penetration time (maximum wearing period): 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

**Skin protection**

Body protection: not required.

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**Environmental exposure controls**

Do not allow uncontrolled leakage of product into the environment.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	characteristic
pH-Value (at 20°C):	9,5-10

**Changes in the physical state**

Melting point:	- 80°C
Initial boiling point and boiling range:	110°C
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not relevant
Flash point:	not determined

**Flammability**

Solid:	not relevant
Gas:	not relevant

Explosive properties:	not explosive
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined

**Auto-ignition temperature**

Solid:	not determined
Gas:	not determined
Decomposition temperature:	not relevant

Oxidizing properties:	not oxidizing
Vapour pressure (at 20 °C):	not relevant
Density (at 20 °C):	1,043 g/cm <sup>3</sup>
Bulk density:	not relevant
Water solubility:	easily soluble

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Solubility in other solvents:	not determined
Partition coefficient:	not relevant
Viscosity / dynamic:	not relevant
Viscosity / kinematic:	not relevant
Flow time:	not relevant
Vapour density:	not relevant
Evaporation rate:	not relevant
Solvent separation test:	not relevant
Solvent content:	not relevant

**9.2. Other information**

Solid content: not relevant

**SECTION 10. STABILITY AND REACTIVITY**

- 10.1 Reactivity** : No dangerous reactions at a correct storage and handling.
- 10.2 Chemical stability** : The product is chemically stable under recommended conditions of storage, use and temperature.
- 10.3 Possibility of hazardous reactions** : No dangerous reactions at a correct storage and handling.
- 10.4 Conditions to avoid** : Protect against: frost.
- 10.5 Incompatible materials** : No dangerous reactions at a correct storage and handling.
- 10.6 Hazardous decomposition products:** No decomposition at storage as agreed and handling.

**SECTION 11. TOXICOLOGICAL INFORMATION**
**11.1 Information on toxicological effects**
**Acute toxicity**

Based on available data, the classification criteria are not met.

Chemical name Exposure route	CAS number	Dose	Species	Source
Quaternary Ammonium Compounds, Benzyl-C12-16-alkyldimethyl chloride	68424-85-1			
oral		LD50 795 mg/kg		
dermal		LD50 5000 mg/kg		

**Irritation and corrosivity**

 Causes skin irritation.  
 Causes serious eye irritation.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

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**TOT- single exposure**

Based on available data, the classification criteria are not met.

**STOT- repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**SECTION 12. ECOLOGICAL INFORMATION**
**12.1 Toxicity** : No environmental toxicological data available.

Chemical name Aquatic toxicity	CAS number	Dose	[h] [d]	Species	Source
Quaternary Ammonium Compounds, Benzyl-C12-16-alkyldimethyl chloride	68424-85-1				
Acute fish toxicity		LC50 0,085 mg/l	96 h		
Acute algae toxicity		ErC50 0,025 mg/l	72 h		
Acute crustacea toxicity		EC50 0,016 mg/l	48 h		

**12.2 Persistence and degradability** : The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**12.3 Bio accumulative potential** : No data available.

**12.4 Mobility in soil** : No data available.

**12.5 Results of PBT & vPvB assessment** : The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

**12.6. Other adverse effects** : No data available.

**Further information:** Avoid release to the environment.

**SECTION 13. DISPOSAL CONSIDERATIONS**
**13.1 Waste treatment methods** :

**Disposal recommendations**

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

**Contaminated packaging**

Completely emptied packings can be re-cycled.

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**SECTION 14. TRANSPORT INFORMATION**
**Land transport (ADR/RID)**

- 14.1. UN number: No dangerous good in sense of these transport regulation.  
 14.2. UN proper shipping name: No dangerous good in sense of these transport regulation.  
 14.3. Transport hazard class(es): No dangerous good in sense of these transport regulation.  
 14.4. Packing group: No dangerous good in sense of these transport regulation.

**Inland waterways transport (ADN)**

- 14.1. UN number: No dangerous good in sense of these transport regulation.  
 14.2. UN proper shipping name: No dangerous good in sense of these transport regulation.  
 14.3. Transport hazard class(es): No dangerous good in sense of these transport regulation.  
 14.4. Packing group: No dangerous good in sense of these transport regulation.

**Marine transport (IMDG)**

- 14.1. UN number: No dangerous good in sense of these transport regulation.  
 14.2. UN proper shipping name: No dangerous good in sense of these transport regulation.  
 14.3. Transport hazard class(es): No dangerous good in sense of these transport regulation.  
 14.4. Packing group: No dangerous good in sense of these transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

- 14.1. UN number: No dangerous good in sense of these transport regulation.  
 14.2. UN proper shipping name: No dangerous good in sense of these transport regulation.  
 14.3. Transport hazard class(es): No dangerous good in sense of these transport regulation.  
 14.4. Packing group: No dangerous good in sense of these transport regulation.

**14.5. Environmental hazards**

Environmentally hazardous: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**SECTION 15. REGULATORY INFORMATION**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulatory information**

 Restrictions on use (REACH, annex XVII):  
 Entry 3

**Additional information**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16. OTHER INFORMATION**
**16.1 Revision comments**

A vertical line in the left margin indicates that there is a relevant amendment from the previous version.

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## 16.2 Abbreviations and acronyms used in the safety data sheet

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

### Relevant H and EUH statements (number and full text)

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

**16.3 References and sources for data** : Safety data sheet manufacturer

## 16.4 Training advice

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training. Persons related to the transportation of the dangerous goods in compliance with the ADR Agreement should be properly trained within the scope of performed tasks (general training, on-the-job training and training related to the safety issues).

## 16.5 Other information and disclaimer

All information given in this Safety Data Sheet is exclusively related to the product described and is provided assuming that the product will be used in a way and for the purposes as stated by the manufacturer. The information is based on our present state of knowledge and will be reviewed regularly. This Safety Data Sheet has only been set up with the intention to describe the safety aspects of the product and therefore should not be construed as guaranteeing specific properties of the product of concern or its suitability for a particular application. It is the user's own responsibility to take the precautionary measures described and also to take care that this information is complete and adequate for the use of this product. It is recommended to pass through the information in this Safety Data Sheet, whenever necessary in an adapted form, to all staff and interested parties of concern.

- *Changes, printing and typesetting errors reserved.*