

## 1 Identification

- **Product identifier:**
- **Trade name:** Eversys Milk Cleaning Tabs
- **Article number:** 5500111066
- **Application of the substance / the preparation:** Cleaning material/ Detergent
- **Details of the supplier of the safety data sheet:**
- **Manufacturer/Supplier:**

Schulz & Sohn GmbH  
Chemie-Erzeugnisse  
Hoeheweg 327  
D-40231 Duesseldorf  
sida@schulzchemie.com

Distributed by:  
Eversys SA  
Ecoparc de Daval A 2  
CH-3960 Sierre  
Tel. +41 27 305 2121  
info@eversys.com

- **Information department:** Product safety department
- **Emergency telephone number:**

POISON CONTROL  
National Capital Poison Center  
Tel.: 1-800-222-1222

## 2 Hazard(s) identification

- **Classification of the substance or mixture:**  
Skin Irritation 2 H315 Causes skin irritation.  
Eye Damage 1 H318 Causes serious eye damage.
- **Label elements:**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS05

- **Signal word:** Danger
- **Hazard-determining components of labeling:**  
sodium lauryl sulphate  
tartaric acid  
sodium metasilicate 5-hydrate
- **Hazard statements:**  
Causes skin irritation.

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Causes serious eye damage.

**Precautionary statements:**

Wear protective gloves / eye protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical advice/attention.

**Classification system:**

**NFPA ratings (scale 0 - 4):**



**HMIS-ratings (scale 0 - 4):**



**Other hazards:**

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 3 Composition/information on ingredients

**Chemical characterization: Mixtures**

**Description:** Mixture of the substances listed below with nonhazardous additions.

**Dangerous components:**

CAS: 57-50-1 EINECS: 200-334-9	sucrose, pure	15-<30%
CAS: 497-19-8 EINECS: 207-838-8	sodium carbonate ⚠ Eye Irritation 2A, H319	5-<15%
CAS: 87-69-4 EINECS: 201-766-0	tartaric acid ⚠ Eye Damage 1, H318	5-<15%
CAS: 151-21-3 EINECS: 205-788-1	sodium lauryl sulphate ⚠ Eye Damage 1, H318; ⚠ Acute Toxicity - Oral 4, H302; Skin Irritation 2, H315	5-<15%
CAS: 25322-68-3 EINECS: 203-473-3	polyethylene glycol	1-<5%
CAS: 10213-79-3 EINECS: 229-912-9	sodium metasilicate 5-hydrate ⚠ Corrosive to Metals 1, H290; Skin Corrosion 1B, H314; Eye Damage 1, H318; ⚠ Acute Toxicity - Oral 4, H302; Specific Target Organ Toxicity - Single Exposure 3, H335	1-<5%

## 4 First-aid measures

**Description of first aid measures:**

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Immediately rinse with water.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Rinse out mouth and then drink plenty of water.

**Information for doctor:**

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

No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media:**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters:**
- **Protective equipment:** Wear self-contained respiratory protective device.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· <b>PAC-1:</b>		
497-19-8	sodium carbonate	7.6 mg/m <sup>3</sup>
87-69-4	tartaric acid	1.6 mg/m <sup>3</sup>
151-21-3	sodium lauryl sulphate	3.9 mg/m <sup>3</sup>
	Alkohole, C16-18, ethoxyliert	3.8 mg/m <sup>3</sup>
25322-68-3	polyethylene glycol	30 mg/m <sup>3</sup>
10213-79-3	sodium metasilicate 5-hydrate	6.6 mg/m <sup>3</sup>
· <b>PAC-2:</b>		
497-19-8	sodium carbonate	83 mg/m <sup>3</sup>
87-69-4	tartaric acid	17 mg/m <sup>3</sup>
151-21-3	sodium lauryl sulphate	43 mg/m <sup>3</sup>
	Alkohole, C16-18, ethoxyliert	42 mg/m <sup>3</sup>
25322-68-3	polyethylene glycol	1,300 mg/m <sup>3</sup>
10213-79-3	sodium metasilicate 5-hydrate	73 mg/m <sup>3</sup>
· <b>PAC-3:</b>		
497-19-8	sodium carbonate	500 mg/m <sup>3</sup>
87-69-4	tartaric acid	100 mg/m <sup>3</sup>
151-21-3	sodium lauryl sulphate	260 mg/m <sup>3</sup>
	Alkohole, C16-18, ethoxyliert	250 mg/m <sup>3</sup>
25322-68-3	polyethylene glycol	7,700 mg/m <sup>3</sup>
10213-79-3	sodium metasilicate 5-hydrate	440 mg/m <sup>3</sup>

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling:** Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original receptacle.

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Storage between 5 and 40°C.

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Protect from heat and direct sunlight.  
Store in dry conditions.  
Protect from humidity and water.
- **Storage class:** 11
- **Specific end use(s):** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**

· <b>Components with limit values that require monitoring at the workplace:</b>	
<b>57-50-1 sucrose, pure</b>	
PEL	Long-term value: 15.5 mg/m <sup>3</sup> total dust respirable fraction
REL	Long-term value: 10.5 mg/m <sup>3</sup> total dust respirable fraction
TLV	Long-term value: 10 mg/m <sup>3</sup> A4
<b>25322-68-3 polyethylene glycol</b>	
WEEL	Long-term value: 10 mg/m <sup>3</sup> (H); MW>200

- **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls:**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes.
- Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves!

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves:**

Recommendation:

uvex u-chem 3000 (DIN EN 374)

Material: Nitrile rubber, NBR

Thickness of the material: 0,5 mm

Value for the permeation: > 480 min (Level 6)

Recommendation:

uvex u-fit strong N2000 (DIN EN 374)

Material: Nitrile rubber, NBR

Thickness of the material: 0,2 mm

Value for the permeation: > 480 min (Level 6)

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· **Penetration time of glove material:**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Eye protection:**



Tightly sealed goggles!

## 9 Physical and chemical properties

· <b>Information on basic physical and chemical properties:</b>	
· <b>General Information:</b>	
· <b>Appearance:</b>	
<b>Form:</b>	Solid
<b>Color:</b>	White
· <b>Odor:</b>	Characteristic
· <b>Odor threshold:</b>	Not determined.
· <b>pH-value at 20 °C (68 °F):</b>	10
· <b>Change in condition:</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
· <b>Flash point:</b>	Not applicable.
· <b>Flammability:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapor pressure:</b>	Not applicable.
· <b>Density:</b>	Nicht bestimmt
· <b>Relative density:</b>	Not determined.
· <b>Vapour density:</b>	Not applicable.
· <b>Evaporation rate:</b>	Not applicable.
· <b>Solubility in / Miscibility with:</b>	
<b>Water:</b>	Soluble.
· <b>Partition coefficient (n-octanol/water):</b> Not determined.	
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
· <b>Solvent content:</b>	
<b>Water:</b>	0.9 %
<b>VOC content:</b>	0.00 %
<b>Solids content:</b>	100.0 %
· <b>Other information:</b>	No further relevant information available.

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## 10 Stability and reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

**151-21-3 sodium lauryl sulphate**

Oral	LD50	1,288 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** Irritating to skin
- **on the eye:** Irritating effect.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**

None of the ingredients is listed.

· **NTP (National Toxicology Program):**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

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**13 Disposal considerations**

- **Waste treatment methods:**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

**14 Transport information**

· <b>UN-Number</b>	
· <b>DOT, ADR, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	
· <b>DOT, ADR, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Packing group</b>	
· <b>DOT, ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Void

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**  
No further relevant information available.
- **Sara:**

· <b>Section 355 (extremely hazardous substances):</b>
None of the ingredients is listed.

· <b>Section 313 (Specific toxic chemical listings):</b>
None of the ingredients is listed.

· <b>TSCA (Toxic Substances Control Act):</b>		
144538-83-0	Tetranatriumiminodisuccinat	ACTIVE
57-50-1	sucrose, pure	ACTIVE
497-19-8	sodium carbonate	ACTIVE
87-69-4	tartaric acid	ACTIVE
151-21-3	sodium lauryl sulphate	ACTIVE
	Alkohole, C16-18, ethoxyliert	ACTIVE
25322-68-3	polyethylene glycol	ACTIVE
7732-18-5	water	ACTIVE

· <b>Hazardous Air Pollutants</b>
None of the ingredients is listed.

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· **Proposition 65:**

· <b>Chemicals known to cause cancer:</b>
None of the ingredients is listed.
· <b>Chemicals known to cause reproductive toxicity for females:</b>
None of the ingredients is listed.
· <b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed.
· <b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed.

· **Carcinogenic categories:**

· <b>EPA (Environmental Protection Agency):</b>
None of the ingredients is listed.
· <b>TLV (Threshold Limit Value established by ACGIH):</b>
57-50-1   sucrose, pure
A4
· <b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b>
None of the ingredients is listed.
· <b>Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases:**

- 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.
- H335 May cause respiratory irritation.

· **Department issuing SDS:** HSE department

· **Contact:** HSE Department

· **Date of preparation / last revision** 10/24/2024 / -

· **Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Corrosive to Metals 1: Corrosive to metals – Category 1
- Acute Toxicity - Oral 4: Acute toxicity – Category 4
- Skin Corrosion 1B: Skin corrosion/irritation – Category 1B
- Skin Irritation 2: Skin corrosion/irritation – Category 2

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Eye Damage 1: Serious eye damage/eye irritation – Category 1

Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

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— US —