

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 26.08.2021

version no: 8

Revision: 26.08.2021

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

**1.1 Product identifier**

**Trade name:** SUPER CONDITIONER TSC

**Article number:** 103152

**Index number:**

None of the ingredients is listed.

**UFI:** DJK1-702N-Q00H-HJC7

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

No further relevant information available.

**Application of the substance / the mixture**

Auxiliary product for photographic processing

Biocide

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

**Manufacturer/Supplier:**

TETENAL 1847 GmbH

Schützenwall 31-35

D-22844 Norderstedt /Germany

Tel.: +49 (0) 40 521 45-0; Fax: +49 (0)40-52145-296

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www.tetenal.com; E-mail: info@tetenal.com

**Further information obtainable from:** Department product safety. E-Mail: sida@tetenal.com

**1.4 Emergency telephone number:**

Poison Information Centre Germany: +49 (0) 30 - 30686 700 (English and German 24 hours)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Eye Irrit. 2            H319 Causes serious eye irritation.

Aquatic Acute 1    H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS07

GHS09

**Signal word** Warning

**Hazard statements**

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

P280                    Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P501 Dispose of contents/container in accordance with local regulations.

**Additional information:**

EUH031 Contact with acids liberates toxic gas.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**

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

**Dangerous components:**

CAS: 51580-86-0	troclosene sodium, dihydrate	10-<20%
EINECS: 220-767-7	⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10);	
Index number: 613-030-01-7	⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 137-16-6	Sodium N-lauroylsarcosinate	0.1-<1%
EINECS: 205-281-5	⚠ Acute Tox. 2, H330; ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures**

**General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Immediately remove any clothing/shoes soiled by the product.

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

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**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.

Call for a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

During heating or in case of fire poisonous gases are produced.

Under certain fire conditions, traces of other toxic gases cannot be excluded.

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- . **5.3 Advice for firefighters**
- . **Protective equipment:** Mouth respiratory protective device.

### SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Ensure adequate ventilation
- . **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- . **6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- . **6.4 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.

### SECTION 7: Handling and storage

- . **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of dust.
- . **Information about fire - and explosion protection:** Keep respiratory protective device available.
- . **7.2 Conditions for safe storage, including any incompatibilities**
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:** No special requirements.
- . **Information about storage in one common storage facility:**  
Do not store together with acids.  
Store away from foodstuffs.
- . **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.  
Store under lock and key and out of the reach of children.  
Recommended storage temperature: 5-30°C
- . **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- . **8.1 Control parameters**
  - . **Additional information about design of technical facilities:** No further data; see item 7.
  - . **Ingredients with limit values that require monitoring at the workplace:**
- |  |   |
|--|---|
| <b>7757-82-6 sodium sulfate (50-90%)</b>                   |   |
| TLV (USA)  | Short-term value: NIC-0.2 mg/m <sup>3</sup><br>thoracic fraction of aerosol                         |
| <b>51580-86-0 troclosen sodium, dihydrate (10-&lt;25%)</b> |   |
| WEL (Great Britain)  | Short-term value: 0.07 mg/m <sup>3</sup><br>Long-term value: 0.02 mg/m <sup>3</sup><br>Sen; as -NCO |

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**25322-68-3 Polyethylene glycol (1-5%)**

 WEEL (USA) Long-term value: 10 mg/m<sup>3</sup>  
(H); MW>200

 . **Additional information:** The lists valid during the making were used as basis.

**. 8.2 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.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

**. Respiratory protection:**

Ensure adequate ventilation  
required at the appearance from fumes/vapours/aerosol. Filter ABEK

**. Protection of hands:**


Protective gloves

Impervious 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**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Butyl rubber, BR  
Nitrile rubber, NBR  
Neoprene gloves

**. Penetration time of glove material**

Glove material	breakthrough-time	layer thickness
Butyl rubber:	≥480 min	≥0,4mm
Nitrile rubber:	≥480 min	≥0,38mm
Neoprene:	≥240 min	≥0,65mm

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**. Eye protection:**


Tightly sealed goggles

**. Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

**. 9.1 Information on basic physical and chemical properties**
**. General Information**
**. Appearance:**
**Form:** Solid

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<b>Colour:</b>	White
<b>Odour:</b>	Chlorine-like
<b>pH-value (1sl g/l) at 20 °C:</b>	~6
<b>Change in condition</b>	
<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	Undetermined.
<b>Flash point:</b>	Not applicable.
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Density:</b>	Not determined.
<b>Solubility in / Miscibility with water:</b>	Partly miscible.
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>Solids content:</b>	100.0 %
<b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- . **10.1 Reactivity** No further relevant information available.
- . **10.2 Chemical stability**
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **10.3 Possibility of hazardous reactions** Contact with acids releases toxic gases.
- . **10.4 Conditions to avoid** No further relevant information available.
- . **10.5 Incompatible materials:** No further relevant information available.
- . **10.6 Hazardous decomposition products:**  
Irritant gases/vapours  
Chlorine

### SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . **Acute toxicity** Based on available data, the classification criteria are not met.
- . **LD/LC50 values relevant for classification:**
- 51580-86-0 troclosen sodium, dihydrate**
- Oral     LD50 1,400 mg/kg (rat)
- Dermal   LD50 >2,000 mg/kg (rabbit)
- Inhalative LC50 950 mg/l (rat)
- . **Primary irritant effect:**
- . **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- . **Serious eye damage/irritation**  
Causes serious eye irritation.
- . **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- . **Additional toxicological information:**
- . **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- . **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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- . **Carcinogenicity** Based on available data, the classification criteria are not met.
- . **Reproductive toxicity** Based on available data, the classification criteria are not met.
- . **STOT-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**
- . **Aquatic toxicity:** No further relevant information available.
- . **12.2 Persistence and degradability** No further relevant information available.
- . **12.3 Bioaccumulative potential** No further relevant information available.
- . **12.4 Mobility in soil** No further relevant information available.
- . **Ecotoxicological effects:**
- . **Remark:** Toxic for fish
- . **Additional ecological information:**
- . **General notes:**  
Do not allow product to reach ground water, water course or sewage system.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Danger to drinking water if even small quantities leak into the ground.
- . **12.5 Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- . **European waste catalogue**  
09 00 00 WASTES FROM THE PHOTOGRAPHIC INDUSTRY  
09 01 00 wastes from the photographic industry  
09 01 99 wastes not otherwise specified
- . **Uncleaned packaging:**
- . **Recommendation:** Disposal must be made according to official regulations.
- . **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- |                                       |  |
|---------------------------------------|--|
| . <b>14.1 UN-Number</b>               |  |
| . <b>ADR, IMDG, IATA</b>              | UN3077   |
| . <b>14.2 UN proper shipping name</b> |  |
| . <b>ADR</b>                          | 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate) |

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. <b>IMDG</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate), MARINE POLLUTANT
. <b>IATA</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate)
<b>. 14.3 Transport hazard class(es)</b>	
. <b>ADR</b>	
. <b>Class</b>	9 (M7) Miscellaneous dangerous substances and articles.
. <b>Label</b>	9
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. <b>IMDG, IATA</b>	
. <b>Class</b>	9 Miscellaneous dangerous substances and articles.
. <b>Label</b>	9
<b>. 14.4 Packing group</b>	
. <b>ADR, IMDG, IATA</b>	III
<b>. 14.5 Environmental hazards:</b>	
. <b>Marine pollutant:</b>	Yes Symbol (fish and tree)
. <b>Special marking (ADR):</b>	Symbol (fish and tree)
. <b>Special marking (IATA):</b>	Symbol (fish and tree)
<b>. 14.6 Special precautions for user</b>	
. <b>EMS Number:</b>	Warning: Miscellaneous dangerous substances and articles.
. <b>Stowage Category</b>	F-A,S-F
. <b>Stowage Code</b>	A SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
<b>. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	
	Not applicable.
<b>. Transport/Additional information:</b>	
	Due to special provision 375 ADR and chapter 2.10.2. IMDG this item does not need to be labeled as dangerous goods.
-----	
<b>. ADR</b>	
. <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
-----	
<b>. IMDG</b>	
. <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
<b>. UN "Model Regulation":</b>	
	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TROCLOSENE SODIUM, DIHYDRATE), 9, III

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

. **Directive 2012/18/EU**

. **Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t

. **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

. **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### SECTION 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**

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**Contact:** E: sida@tetenal.com

**Abbreviations and acronyms:**

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
- 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
- IATA: International Air Transport Association
- GHS: Globally Harmonised 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 (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity – Category 4
- Acute Tox. 2: Acute toxicity – Category 2
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

**\* Data compared to the previous version altered.**