

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

Printing date 19.12.2022

Version number 28 (replaces version 27)

Revision: 19.12.2022

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

- **1.1 Product identifier**
- **Trade name:** *germex tabs*
- **UFI:** *G9A5-G0FF-Q000-6G1X*
- **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**  
*Cleaning material/ Detergent*  
*Auxiliary*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Pramol-Chemie AG*  
*Industriestrasse 3*  
*CH-9602 Bazenheid/SG*  
*Tel +41 71 931 70 30*  
*Fax +41 71 931 44 54*
- **Further information obtainable from:**  
*Abteilung für Produktsicherheit*  
*info@pramol.com*  
*Tel. 071 931 70 30*
- **1.4 Emergency telephone number:**  
*Centre suisse d'information toxicologique, Zurich*  
*+41 (0)44 251 51 51 ou 145 (depuis la Suisse)*  
*Schweizerisches Toxikologisches Informationszentrum, Zürich*  
*+41 (0)44 251 51 51 oder aus der Schweiz: Tel 145*  
*Centro Svizzero d'informazione tossicologica*  
*+41 (0)44 251 51 51 o dalla Svizzera: Tel 145*

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



environment

*Aquatic Acute 1 H400 Very toxic to aquatic life.*  
*Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.*



*Acute Tox. 4 H302 Harmful if swallowed.*  
*Eye Irrit. 2 H319 Causes serious eye irritation.*  
*STOT SE 3 H335 May cause respiratory irritation.*

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the GB CLP regulation.*
- **Hazard pictograms** *GHS07, GHS09*
- **Signal word** *Warning*
- **Hazard-determining components of labelling:**  
*troclosene sodium, dihydrate*
- **Hazard statements**  
*H302 Harmful if swallowed.*  
*H319 Causes serious eye irritation.*  
*H335 May cause respiratory irritation.*  
*H410 Very toxic to aquatic life with long lasting effects.*

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**Precautionary statements**

- P102 Keep out of reach of children.  
 P280 Wear eye protection / face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH031 Contact with acids liberates toxic gas.

**Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**· **Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 51580-86-0 EINECS: 220-767-7 Reg.nr.: 01-2119489371-33	troclosene sodium, dihydrate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319; STOT SE 3, H335, EUH031	50-100%
CAS: 124-04-9 EINECS: 204-673-3	adipic acid ⚠ Eye Irrit. 2, H319	≥5-<10%

· **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.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:** If skin irritation continues, consult a doctor.**After eye contact:**

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

· **After swallowing:** 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:** Use fire extinguishing methods suitable to surrounding conditions.· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.**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**

Avoid formation of dust.

Mount respiratory protective device.

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- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
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.
- **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** Provide suction extractors if dust is formed.
- **Information about fire - and explosion protection:** No special measures required.
- **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.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **Storage class:** 13
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### · 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

**51580-86-0 troclosen sodium, dihydrate**

WEL	Short-term value: 0.07 mg/m <sup>3</sup>
	Long-term value: 0.02 mg/m <sup>3</sup>
	Sen; as -NCO

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as 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.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Hand protection**



Protective gloves

EN 374

### · **Material of gloves**

Rubber gloves

Recommended thickness of the material:  $\geq 0.3$  mm

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- *Penetration time of glove material*  $\geq 8h$
- *Eye/face protection* Goggles recommended during refilling

### **SECTION 9: Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties**

##### **General Information**

- |   |                        |
|---|------------------------|
| · <b>Colour:</b>  | <i>White</i>           |
| · <b>Odour:</b>   | <i>Chlorine-like</i>   |
| · <b>Odour threshold:</b>   | <i>Not determined.</i> |
| · <b>Melting point/freezing point:</b>                            | <i>Undetermined.</i>   |
| · <b>Boiling point or initial boiling point and boiling range</b> | <i>265 °C</i>          |
| · <b>Flammability</b>   | <i>Not determined.</i> |
| · <b>Lower and upper explosion limit</b>                          |                        |
| · <b>Lower:</b>   | <i>Not determined.</i> |
| · <b>Upper:</b>   | <i>Not determined.</i> |
| · <b>Flash point:</b>   | <i>Not applicable.</i> |
| · <b>Ignition temperature:</b>                                    | <i>250 °C</i>          |
| · <b>Decomposition temperature:</b>                               | <i>Not determined.</i> |
| · <b>pH at 20 °C</b>  | <i>11 (5%)</i>         |
| · <b>Viscosity:</b>   |                        |
| · <b>Kinematic viscosity</b>                                      | <i>Not applicable.</i> |
| · <b>Dynamic:</b>   | <i>Not applicable.</i> |
| · <b>Solubility</b>   |                        |
| · <b>water:</b>   | <i>Soluble.</i>        |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | <i>Not determined.</i> |
| · <b>Vapour pressure:</b>   | <i>Not applicable.</i> |
| · <b>Density and/or relative density</b>                          |                        |
| · <b>Density:</b>   | <i>Not determined.</i> |
| · <b>Relative density</b>   | <i>Not determined.</i> |
| · <b>Vapour density</b>   | <i>Not applicable.</i> |

#### **9.2 Other information**

- |  |  |
|--|--|
| · <b>Appearance:</b>   |  |
| · <b>Form:</b>   | <i>Solid</i>   |
| · <b>Important information on protection of health and environment, and on safety.</b> |  |
| · <b>Auto-ignition temperature:</b>  | <i>Product is not selfigniting.</i>                  |
| · <b>Explosive properties:</b>   | <i>Product does not present an explosion hazard.</i> |
| · <b>Solvent separation test:</b>  |  |
| · <b>Solids content:</b>   | <i>100.0 %</i>                                       |
| · <b>Change in condition</b>   |  |
| · <b>Evaporation rate</b>  | <i>Not applicable.</i>                               |

#### **Information with regard to physical hazard classes**

- |  |             |
|--|-------------|
| · <b>Explosives</b>                            | <i>Void</i> |
| · <b>Flammable gases</b>                       | <i>Void</i> |
| · <b>Aerosols</b>                              | <i>Void</i> |
| · <b>Oxidising gases</b>                       | <i>Void</i> |
| · <b>Gases under pressure</b>                  | <i>Void</i> |
| · <b>Flammable liquids</b>                     | <i>Void</i> |
| · <b>Flammable solids</b>                      | <i>Void</i> |
| · <b>Self-reactive substances and mixtures</b> | <i>Void</i> |
| · <b>Pyrophoric liquids</b>                    | <i>Void</i> |
| · <b>Pyrophoric solids</b>                     | <i>Void</i> |
| · <b>Self-heating substances and mixtures</b>  | <i>Void</i> |

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- |  |      |
|--|------|
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void |
| · <b>Oxidising liquids</b>   | Void |
| · <b>Oxidising solids</b>  | Void |
| · <b>Organic peroxides</b>   | Void |
| · <b>Corrosive to metals</b>   | Void |
| · <b>Desensitised explosives</b>   | Void |

### 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** Reacts with water and acids.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Chlorine compounds

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**  
Harmful if swallowed.

· **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)

- **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.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **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**  
May cause respiratory irritation.
- **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.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**51580-86-0 troclosen sodium, dihydrate**

EC50 (48h)	0.28 mg/l (Daphnia magna)
LC50 (96h)	0.37 mg/l (Oncorhynchus mykiss)

- **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.

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- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- **Remark:** Very toxic for fish

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (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.

Also poisonous for fish and plankton in water bodies.

The surfactant(s) contained in this preparation complies(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.

Very toxic for aquatic organisms

### 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.

- **Uncleaned packaging:**

- **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- **14.1 UN number or ID number**

- **ADR, IMDG, IATA**

UN3077

- **14.2 UN proper shipping name**

- **ADR**

3 0 7 7 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate)

- **IMDG**

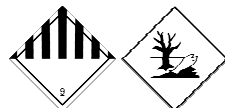
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate), MARINE POLLUTANT

- **IATA**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate)

- **14.3 Transport hazard class(es)**

- **ADR, IMDG, IATA**



- **Class**

9 Miscellaneous dangerous substances and articles.

- **Label**

9

- **14.4 Packing group**

- **ADR, IMDG, IATA**

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· <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>	Warning: Miscellaneous dangerous substances and articles.
· <b>Hazard identification number (Kemler code):</b>	90
· <b>EMS Number:</b>	F-A,S-F
· <b>Stowage Category</b>	A
· <b>Stowage Code</b>	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	5 kg
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· <b>Transport category</b>	3
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5 kg
· <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

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category E1** Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

chlorine-based bleaching agents

≥30%

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

### 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.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.

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*H410 Very toxic to aquatic life with long lasting effects.*

*EUH031 Contact with acids liberates toxic gas.*

**· 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*

*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*

*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.**

GB