

# TRO WC-Tabs



Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15

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

### 1.1. Product identifier

**Trade name**

TRO WC-Tabs

**UFI code**

07MY-SA9C-XM13-VDMA

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

**Relevant identified uses**

Toilet cleaning tablet and descaler for professional users.

**Not suitable for use in**

All other uses are discouraged.

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

**Supplier**

Premiere Produkter AS

Austbøsletta 6

4085 Hundvåg

Norway

+47 51 85 83 00

post@premiere-produkter.no

www.premiere-produkter.no

### 1.4. Emergency telephone number

Poison central tlf: (+47) 22 59 13 00

**Available outside office hours** Yes

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15



## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

#### Classification

Skin irritation, hazard category 2

Eye irritation, hazard category 2

Hazardous to the aquatic environment — Chronic hazard category 3

#### Hazard statements

H315, H319, H412

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Warning

#### Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

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.

P501 Dispose of contents/container to an authorised waste collection point.

### 2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

# TRO WC-Tabs

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrases M factor acute M factor chronic	Note
Sulphamidic acid	5329-14-6 226-218-8 01-2119488633-28-xxxx 016-026-00-0	50 - 80%	Aquatic Chronic 3, Skin Irrit. 2, Eye Irrit. 2	H315, H319, H412 - -	-
Sodium carbonate	497-19-8 207-838-8 01-2119485498-19-xxxx 011-005-00-2	10 - 20%	Eye Irrit. 2	H319 - -	-
Sodium percarbonate	15630-89-4 239-707-6 01-2119457268-30-xxxx -	1 - 5%	Ox. Sol. 3, Eye Dam. 1, Acute Tox. 4 - oral	H272, H302, H318 - -	Eye Dam. 1 > 25 % Eye Irrit. 2 >= 7,5 % -< 25 %
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl	90622-77-8 292-481-0 01-2119489413-33-xxxx -	1 - <3%	Eye Dam. 1, Aquatic Chronic 2, Skin Irrit. 2	H315, H318, H411 - -	-

#### **Substance additional information**

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### **Description of first aid measures**

First responders: Pay attention to self-protection.

#### **Inhalation**

Not applicable.

#### **Skin contact**

Wash off with soap and water. In the case of skin irritation or allergic reactions see a physician.

#### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15



## **Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if necessary.

## **Information for doctors**

Show this safety data sheet to the doctor in attendance. For specialist advice physicians should contact the Poisons Information Service.

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

Immediate effects can be expected after long-term exposure.

## **Inhalation**

Not applicable.

## **Skin contact**

Skin rashes, Skin irritation

## **Eye contact**

Eye irritation, cloudy / blurred field of vision, excessive lachrymation

## **Ingestion**

Nausea, vomiting, stomach/intestinal disorders

## **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, extinguishing powder, foam or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

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

Hazardous decomposition products formed under fire conditions.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

In the event of fire, wear self contained breathing apparatus.

#### **Measures in case of fire**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15



## SECTION 6: Accidental release measures

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

Wear personal protective equipment. Avoid direct contact with the material / product.

### 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

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

Use mechanical handling equipment. Dispose of as hazardous waste in compliance with local and national regulations.

### 6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Avoid direct contact with the material / product. Wear personal protective equipment.

#### General hygiene

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

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

Keep in a dry, cool place. Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 13 (non-combustible solids)

Store in original container.

Storage temperature: 10°C to 40°C

### 7.3. Specific end use(s)

See section 1.2: Toilet cleaning tablet and descaler

All other uses are discouraged.

PC35 - Washing and cleaning products (including solvent based products)

# TRO WC-Tabs

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Sulphamidic acid (5329-14-6/226-218-8)	DNEL	Chronic (long term) Inhalation	70.5 mg/m <sup>3</sup>	Workers	Systemic
Sodium percarbonate (15630-89-4/239-707-6)	DNEL	Acute (short term) Inhalation	12.8 mg/cm <sup>2</sup>	Workers	Local
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl (90622-77-8/292-481-0)	DNEL	Chronic (long term) Dermal	4.16 mg/kg	Workers	Systemic
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl (90622-77-8/292-481-0)	DNEL	Chronic (long term) Inhalation	21.73 mg/m <sup>3</sup>	Workers	Systemic
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl (90622-77-8/292-481-0)	DNEL	Chronic (long term) Oral	6.25 mg/kg	Consumers	Systemic

#### PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Marine water	0.18 mg/l
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Sewage Treatment Plant	20 mg/l
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Sediment (marine water)	0.84 mg/kg
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Soil	5 mg/kg
Sodium percarbonate (15630-89-4/239-707-6)	PNEC	Marine water	0.035 mg/l
Sodium percarbonate (15630-89-4/239-707-6)	PNEC	Sewage Treatment Plant	16.24 mg/l
Amides, C12-18(even-numbered) and C18(unsatd.), N- hydroxyethyl (90622-77-8/292-481-0)	PNEC	Marine water	0.0007 mg/l
Amides, C12-18(even-numbered) and C18(unsatd.), N- hydroxyethyl (90622-77-8/292-481-0)	PNEC	Sewage Treatment Plant	830 mg/l

# TRO WC-Tabs

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15



KLEEN  
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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl (90622-77-8/292-481-0)	PNEC	Sediment (marine water)	0.12 mg/kg

## 8.2. Exposure controls

### Appropriate engineering controls

Not required.

### Eye / face protection

Chemical-resistant safety glasses with side protection (EN 166)

### Hand protection

Chemical-resistant protective gloves (EN 374)

### Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

### Respiratory protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

### Thermal hazards

Not applicable.

### Environmental exposure controls

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

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

#### Physical state

Tablet

#### Colour

3 phases (white, blue, green)

#### Odour

sea breeze

#### Melting point / freezing point

Not applicable.

#### Boiling point or initial boiling point and boiling range

Not applicable.

According to Regulation (EC) No 1907/2006

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15



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## **Flammability**

Not applicable.

## **Lower and upper explosion limit**

The product / mixture has no explosive properties.

## **Flash point**

No data available

## **Auto-ignition temperature**

Not applicable.

## **Decomposition temperature**

No data available

## **pH**

1.5 - 2

## **Method**

1 % aqueous solution

## **Kinematic viscosity**

Not applicable.

## **Viscosity, dynamic**

No information available

## **Solubility**

Water soluble

## **Water solubility**

completely soluble

## **Partition coefficient n-octanol/water**

No information available

## **Vapour pressure**

Not applicable.

## **Density and/or relative density**

No information available

## **Relative density**

No information available

## **Relative vapour density**

Not applicable.

## **Evaporation Rate**

Not applicable.



According to Regulation (EC) No 1907/2006

# TRO WC-Tabs

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15



### Explosive properties

The product / mixture has no explosive properties.

### Oxidising properties

The product / mixture has no oxidizing properties.

### VOC %

< 3 %

## 9.2. Other information

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal use.

### 10.2. Chemical stability

Stable at normal conditions

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Protect from moisture. Protect from frost, heat and sunlight.

### 10.5. Incompatible materials

Oxidizing agent , strong acids and strong bases

### 10.6. Hazardous decomposition products

For information on combustion products, see Section 5.  
 Hazardous decomposition products formed under fire conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicology data for the components .

#### Acute toxicity

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

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Remarks
sulphamidic acid 5329-14-6 / 226-	LD50	2.140 mg/kg	Oral	rat	ECHA

# TRO WC-Tabs

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15



KLEEN  
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Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Remarks
218-8					
sodium carbonate 497-19-8 / 207-838-8	LD50	2.800 mg/kg	Oral	rat	-
Sodium percarbonate 15630-89-4 / 239-707-6	LD50	1.034-2.000 mg/kg	Oral	rat	-
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl 90622-77-8 / 292-481-0	LD50	> 5.000 mg/kg	Oral	rat	-

**Skin corrosion/irritation**

Skin irritation, hazard category 2

**Serious eye damage/irritation**

Eye irritation, hazard category 2

**Respiratory or skin sensitisation**

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

**Germ cell mutagenicity**

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

**Genotoxicity**

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

**Mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

# TRO WC-Tabs

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15



KLEEN  
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**Aspiration hazard**

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

**11.2. Information on other hazards****Endocrine disrupting properties**

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

**SECTION 12: Ecological information****12.1. Toxicity****Toxicity**

No information available

**Acute fish toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
sulphamidic acid 5329-14-6 / 226-218-8	LC50	70,3 mg/l	96 h	Pimephales promelas	OECD 203	ECHA
sodium carbonate 497-19-8 / 207-838-8	LC50	300 mg/l	96h	Lepomis macrochirus	-	-
Sodium percarbonate 15630-89-4 / 239-707-6	LC50	70,7 mg/l	96 h	Pimephales promelas	-	-
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl 90622-77-8 / 292-481-0	LC50	>10-100 mg/l	-	Brachydanio rerio (zebra fish)	DIN EN ISO 7346-2	-

**TRO WC-Tabs**

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15



KLEEN  
PURGATIS

**Acute algae toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
sulphamidic acid 5329-14-6 / 226-218-8	LC50	33,8 mg/l	72 h	Desmodesmus subspicatus	OECD 201	ECHA
Sodium percarbonate 15630-89-4 / 239-707-6	EC50	2,5 mg/l	-	C. vulgaris	-	-
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl 90622-77-8 / 292-481-0	EC50	>1-10 mg/l	-	Desmodesmus subspicatus	OECD 201	-

**Acute crustacean toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
sulphamidic acid 5329-14-6 / 226-218-8	EC50	71,6 mg/l	48 h	Daphnia magna	OECD 202	ECHA
sodium carbonate 497-19-8 / 207-838-8	EC50	200-227 mg/l	48h	Ceriodaphnia dubia	-	-
Sodium percarbonate 15630-89-4 / 239-707-6	EC50	4,9 mg/l	48 h	Daphnia magna (Water flea)	-	-
Amides, C12-18(even-numbered) and C18(unsatd.), N-hydroxyethyl 90622-77-8 / 292-481-0	EC50	>10-100 mg/l	-	Daphnia magna (Water flea)	OECD 202	-

According to Regulation (EC) No 1907/2006

# TRO WC-Tabs

Version number: 6  
 Issued: 2023-03-23  
 Replaces SDS: 2019-05-15



## 12.2. Persistence and degradability

### Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

## 12.3. Bioaccumulative potential

### Bioaccumulative potential

No information available

## 12.4. Mobility in soil

### Mobility

No information available

## 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

## 12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

## 12.7. Other adverse effects

### Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

#### Packaging

Do not re-use empty containers. Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging: Dispose of as unused product.

Waste code	Description
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

## SECTION 14: Transport information

### 14.1. UN number

UN 2967

According to Regulation (EC) No 1907/2006

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15

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## 14.2. UN proper shipping name

SULPHAMIC ACID

### IMDG proper shipping name

SULPHAMIC ACID

## 14.3. Transport hazard class(es)

### Label



8

### ADR / RID Class

8

### ADR / RID Classification code

C2

### ADR / RID hazard identification number

80

### IMDG Class

8

### IATA Class

8

### ADN Class

8

### ADN Class Code

C2

## 14.4. Packing group

III

## 14.5. Environmental hazards

### Environmental hazards

-

### IMDG Marine Pollutant

No

## 14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

According to Regulation (EC) No 1907/2006

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15



## Other

### Additional information ADR-RID

LQ: 5kg

EQ: E1

Transport category (tunnel restriction code) : 3 (E)

## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: < 5 % oxygen-based bleaching agents, anionic surfactants, non-ionic surfactants. Contains: perfumes.

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

Substances subject to authorization according to Annex XIV: No

Substance restrictions according to Annex XVII: No

Substances on the REACH candidate list (SVHC): No

Regulation (EC) No. 1272/2008 (CLP)

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: Not applicable.

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: Not applicable.

Notifiable raw materials according to Annex II: Not applicable.

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: Not applicable.

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: No

Directive 2012/18/EU (Seveso III)

Seveso hazard category: Not applicable.

#### National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

### 15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

## SECTION 16: Other information

### Changes to previous revision

Adaptation to the amending regulation (EU) 2020/878

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15



## **Abbreviations**

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ADR - Accord relatif au transport international des marchandises Dangereuses par Route  
CAS - Chemical Abstract Service  
CLP - Classification, Labelling and Packaging  
DMEL - Derived Minimum Effect Level  
DNEL - Derived no effect level  
EC50 - Half maximal effective concentration 50%  
GHS - Globally Harmonised System  
IATA - International Air Transport Association  
IMDG - International Maritime Dangerous Goods  
LC50 - Lethal concentration 50%  
LD50 - Lethal dosis 50 %  
MARPOL - International Convention for the Prevention of Pollution from Ships  
PBT - Persistent, bioaccumulative and toxic substance  
PEC - Predicted Environmental Concentration  
PNEC - predicted no effect concentration  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses  
SVHC - Substance of very high concern  
vPvB - Very persistent, very bioaccumulative substance

## **References to key literature and data sources**

REACH registration dossiers  
ECHA C&L - Inventory  
Safety data sheets from raw material suppliers

## **Evaluation methods for classification**

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:  
Health hazards: calculation method  
Environmental hazards: calculation method

## **Phrase meaning**

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3  
Skin Irrit. 2 - Skin irritation, hazard category 2  
Eye Irrit. 2 - Eye irritation, hazard category 2  
Ox. Sol. 3 - Oxidising solids, hazard category 3  
Eye Dam. 1 - Serious eye damage, hazard category 1  
Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4  
Aquatic Chronic 2 - Hazardous to the aquatic environment — Chronic hazard category 2  
H272 May intensify fire; oxidiser.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.



According to Regulation (EC) No 1907/2006

# TRO WC-Tabs

Version number: 6  
Issued: 2023-03-23  
Replaces SDS: 2019-05-15



## Other

### Additional information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

### Manufacturer's notes

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.