

SAFETY DATA SHEET

# Schaerer ProCare RED

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

### 1.1. Product identifier

<i>Trade name:</i>	Schaerer ProCare RED
<i>Other means of identification:</i>	Index No.: 016-026-00-0 EC No.: 226-218-8 CAS No.: 5329-14-6
<i>Unique formula identifier (UFI):</i>	YKF0-D00Y-X009-HMEQ

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

*Relevant identified uses of the substance or mixture:* Cleaning product  
Restricted to professional users.

*Uses advised against :* None known.

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

<i>Company and address:</i>	<b>Urnex Brands, LLC</b> 700 Executive Blvd. Elmsford, NY 10523 USA +1 (914) 963-2042 +1 (914) 963-2145 www.urnex.com
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<i>Distributor:</i>	<b>SCHAERER AG</b> Niedermattstrasse 3 Halle 330 4528 Zuchwil Switzerland +41 (0)32 681 62 00 www.schaerer.com
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<i>Contact person:</i>	Customer support
<i>E-mail:</i>	info@urnex.com

<i>Revision:</i>	18/12/2023
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<i>SDS Version:</i>	1.0
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### 1.4. Emergency telephone number

Infotrac +1 (352) 323-3500  
Contact The National Poisons Information Service (dial 111, 24 h service).  
See section 4 "First aid measures".

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Eye Irrit. 2; H319, Causes serious eye irritation.  
 Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

*Hazard pictogram(s):*



*Signal word:*

Warning

*Hazard statement(s):*

Causes skin irritation. (H315)  
 Causes serious eye irritation. (H319)  
 Harmful to aquatic life with long lasting effects. (H412)

*Precautionary statement(s):*

*General:*

-

*Prevention:*

Wash hands thoroughly after handling. (P264)  
 Avoid release to the environment. (P273)  
 Wear eye protection/protective gloves. (P280)

*Response:*

If eye irritation persists: Get medical advice/attention. (P337+P313)

*Storage:*

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*Disposal:*

Dispose of contents/container in accordance with local regulation (P501)

*Hazardous substances:*

None known.

*Additional labelling:*

UFI: YKF0-D00Y-X009-HMEQ

**2.3. Other hazards**

*Additional warnings:*

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
 This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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

**3.1. Substances**

Product/substance	Identifiers	% w/w	Classification	Note
sulfamic acid	CAS No.: 5329-14-6 EC No.: 226-218-8 UK-REACH: Index No.: 016-026-00-0	95-100%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	

**3.2. Mixtures**

Not applicable. This product is a substance.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

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**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

*General information:*

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person’s condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

*Skin contact:*

IF ON SKIN: Wash with plenty of water/water and soap.  
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.  
If skin irritation occurs: Get medical advice/attention.

*Eye contact:*

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

*Ingestion:*

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.  
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

*Burns:*

Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

**Information to medics**

Bring this safety data sheet or the label from this product.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.  
 Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides

Nitrogen oxides (NO<sub>x</sub>)

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2X

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Avoid direct contact with spilled substances.

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Powder trickling out onto the floor or onto other containers must be prevented.

*Recommended storage material:* Keep only in original packaging.

*Storage temperature:* Dry, cool and well ventilated

*Incompatible materials:* Bases  
Strong oxidizing agents

**7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No substances are listed in the national list of substances with an occupational exposure limit.

**DNEL**

sulfamic acid

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	10 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	17.4 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	70.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	5 mg/kg bw/day

**PNEC**

sulfamic acid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1.8 mg/L
Freshwater sediment		8.36 mg/kg
Intermittent release (freshwater)		480 µg/L
Marine water		180 µg/L
Marine water sediment		840 µg/kg
Sewage treatment plant		20 mg/L
Soil		5 mg/kg

**8.2. Exposure controls**

Control is unnecessary if the product is used as intended.

*General recommendations:* Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:* There are no exposure scenarios implemented for this product.

*Exposure limits:* Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:* Apply standard precautions during use of the product. Avoid inhalation of gas or dust. Airborne gas and dust concentrations must be kept at a minimum. Provide efficient mechanical ventilation. If not possible use suitable respiratory equipment.

*Hygiene measures:* Take off contaminated clothing and wash it

before reuse.

*Measures to avoid environmental exposure:*

Keep damming materials near the workplace.  
If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment


*Generally:*

Use only UKCA marked protective equipment.


*Respiratory Equipment:*

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				


*Skin protection:*

Work situation	Recommended	Type/Category	Standards	
In the event of prolonged exposure or high concentrations	Dedicated work clothing should be worn.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Gloves	-	-	EN374	

*Eye protection:*

Work situation	Type	Standards	
In the event of prolonged exposure or high concentrations	Safety glasses	EN166	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

*Physical state:*

Powder

*Colour:*

White

*Odour / Odour threshold:*

Testing not relevant or not possible due to the nature of the product.

*pH:*

-

*pH in solution:*

1.2 - 1.6 (1%)

*Density (g/cm<sup>3</sup>):*

Testing not relevant or not possible due to the nature of the product.

*Bulk density (kg/m<sup>3</sup>):*

1.024 - 1.66

*Kinematic viscosity:*

Does not apply to solids.

*Particle characteristics:*

Testing not relevant or not possible due to the nature of the product.

**Phase changes**

<i>Melting point/Freezing point (°C):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Softening point/range (waxes and pastes) (°C):</i>	Does not apply to solids.
<i>Boiling point (°C):</i>	Does not apply to solids.
<i>Vapour pressure:</i>	Testing not relevant or not possible due to the nature of the product.
<i>Relative vapour density:</i>	Does not apply to solids.
<i>Decomposition temperature (°C):</i>	Testing not relevant or not possible due to the nature of the product.

**Data on fire and explosion hazards**

<i>Flash point (°C):</i>	Does not apply to solids.
<i>Flammability (°C):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Auto-ignition temperature (°C):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Lower and upper explosion limit (% v/v):</i>	Does not apply to solids.

**Solubility**

<i>Solubility in water:</i>	Testing not relevant or not possible due to the nature of the product.
<i>n-octanol/water coefficient (LogKow):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Solubility in fat (g/L):</i>	Testing not relevant or not possible due to the nature of the product.

**9.2. Other information**

<i>Oxidizing properties:</i>	Testing not relevant or not possible due to the nature of the product.
<i>Other physical and chemical parameters:</i>	No data available.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Bases  
Strong oxidizing agents

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

#### Acute toxicity

Product/substance	sulfamic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3160 mg/kg

Product/substance	sulfamic acid
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	1312 mg/kg

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory sensitisation

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

#### 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

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.

### 11.2. Information on other hazards

#### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information

None known.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

**12.2. Persistence and degradability**

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.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

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

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Product is covered by the regulations on hazardous waste.  
 HP 4 - Irritant (skin irritation and eye damage)  
 HP 14 - Ecotoxic  
 Dispose of contents/container to an approved waste disposal plant.  
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

**EWC code**

Not applicable.




**Specific labelling**

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: TRANSPORT INFORMATION**

	<b>14.1 UN / ID</b>	<b>14.2 UN proper shipping name</b>	<b>14.3 Hazard class(es)</b>	<b>14.4 PG*</b>	<b>14.5 Env**</b>	<b>Other information:</b>
ADR	UN2967	SULPHAMIC ACID	Transport hazard class: 8 Label: 8 Classification code: C2	III	No	Limited quantities: 5 kg Tunnel restriction

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
						code: (E) See below for additional information.
IMDG	UN2967	SULPHAMIC ACID	Transport hazard class: 8 Label: 8 Classification code: C2 	III	No	Limited quantities: 5 kg EmS: F-A S-B See below for additional information.
IATA	UN2967	SULPHAMIC ACID	Transport hazard class: 8 Label: 8 Classification code: C2 	III	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

**Additional information**

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: 2X

**14.6. Special precautions for user**

Not applicable.

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

No data available.

**SECTION 15: REGULATORY INFORMATION**

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

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*SEVESO - Categories / dangerous substances:*

Not applicable.

*Additional information:*

Not applicable.

*Sources:*

Regulation (EC) No 648/2004 on detergents

as retained and amended in UK law.  
 Regulation (EU) No 1357/2014 of 18  
 December 2014 on waste as retained and  
 amended in UK law.  
 Regulation (EC) No 1272/2008 on  
 classification, labelling and packaging of  
 substances and mixtures (CLP) as retained  
 and amended in UK law.  
 Regulation (EC) No 1907/2006 concerning the  
 Registration, Evaluation, Authorisation and  
 Restriction of Chemicals (REACH) as retained  
 and amended in UK law.

## 15.2. Chemical safety assessment

No

### SECTION 16: OTHER INFORMATION

#### Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.  
 H319, Causes serious eye irritation.  
 H412, Harmful to aquatic life with long lasting effects.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 CAS = Chemical Abstracts Service  
 CE = Conformité Européenne (European conformity)  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 CSA = Chemical Safety Assessment  
 CSR = Chemical Safety Report  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EINECS = European Inventory of Existing Commercial chemical Substances  
 ES = Exposure Scenario  
 EUH statement = CLP-specific Hazard statement  
 EuPCS = European Product Categorisation System  
 EWC = European Waste Catalogue  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IARC = International Agency for Research on Cancer (IARC)  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 OECD = Organisation for Economic Co-operation and Development  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 RRN = REACH Registration Number  
 SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### **Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### **The safety data sheet is validated by**

PurposeBuilt Brands Regulatory Team

### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en