



# Schaerer ProCare BLUE

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

Issue date: 5/6/2022 Revision date: 5/6/2022 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Schaerer ProCare BLUE

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use  
Use of the substance/mixture : Cleaner

##### 1.2.2. Uses advised against

No additional information available

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

##### Manufacturer

Urnex Brands, LLC  
700 Executive Blvd.  
Elmsford, NY 10523 - USA  
T +1-914-963-2042 - F +1-914-963-2145

##### Distributor

Schaerer Ltd.  
Allmendweg 8  
P.O. Box 336  
CH-4528 Zuchwil  
Tel. +41 32 681 62 00

#### 1.4. Emergency telephone number

Emergency number : 1-800-535-5053  
Infotrac UK National: 0330 +44 330 027 0156

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 H319  
Aquatic Chronic 3 H412

Full text of hazard classes, H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 - Causes serious eye irritation.  
H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P273 - Avoid release to the environment.  
P280 - Wear protective gloves, eye protection.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Carbonate	(CAS-No.) 497-19-8 (EC-No.) 207-838-8 (EC Index-No.) 011-005-00-2	10 – 20	Eye Irrit. 2, H319
Alkyl Polyglycoside C10-C16	(CAS-No.) 110615-47-9 (EC-No.) 600-975-8	1 – 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
Sodium hydroxide substance with national workplace exposure limit(s) (GB)	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	1 – 5	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
Benzyl-C12-16-alkyldimethyl, chlorid	(CAS-No.) 68424-85-1 (EC-No.) 270-325-2;939-253-5	1 – 5	Acute Tox. 4 (Oral), H302 (ATE=426 mg/kg bodyweight) Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Alkyl Polyglycoside C10-C16	(CAS-No.) 110615-47-9 (EC-No.) 600-975-8	( 12 <C ≤ 30) Eye Irrit. 2, H319 ( 30 <C ≤ 100) Eye Dam. 1, H318
Sodium hydroxide	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0.5 ≤C < 2) Skin Irrit. 2, H315 ( 0.5 ≤C < 2) Eye Irrit. 2, H319 ( 2 ≤C < 5) Skin Corr. 1B, H314 ( 5 ≤C < 100) Skin Corr. 1A, H314

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use water jet.

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

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Oxides of sodium. Irritating vapours.

### 5.3. Advice for firefighters

- Firefighting instructions : Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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### SECTION 6: Accidental release measures

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

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Collect spillage. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

For containment : Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust. Do not swallow. When using do not eat, drink or smoke. Handle and open container with care.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

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

Storage conditions : Keep out of the reach of children. Store tightly closed in a dry, cool and well-ventilated place.

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

Not available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Sodium hydroxide (1310-73-2)

##### United Kingdom - Occupational Exposure Limits

WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
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#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

##### Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

##### Eye protection:

Safety eyewear complying with an approved standard such as the European Standard EN166 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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### Thermal hazard protection:

Use personal protective equipment as required.

### Environmental exposure controls:

Avoid release to the environment.

### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: No data available
Colour	: White / yellowish
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
pH solution	: 11.2 – 11.6 (1% solution)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Soluble in water
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

Alkali reserve	: 9.6
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Incompatible materials.

### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Oxides of sodium. irritating vapours.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

ATE CLP (oral)	20828.738 mg/kg
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#### Sodium Carbonate (497-19-8)

LD50 oral rat	4090 mg/kg
LD50 oral	2800 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

#### Alkyl Polyglycoside C10-C16 (110615-47-9)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

#### Benzyl-C12-16-alkyldimethyl, chlorid (68424-85-1)

LD50 oral rat	426 mg/kg
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Skin corrosion/irritation	: Not classified.
Additional information	: Based on supplier raw material data
Serious eye damage/irritation	: Causes serious eye irritation.
Additional information	: Based on supplier raw material data
Respiratory or skin sensitisation	: Not classified.
Additional information	: Based on supplier raw material data
Germ cell mutagenicity	: Not classified.
Additional information	: Based on supplier raw material data
Carcinogenicity	: Not classified.
Additional information	: Based on supplier raw material data
Reproductive toxicity	: Not classified.
Additional information	: Based on supplier raw material data
STOT-single exposure	: Not classified.
Additional information	: Based on supplier raw material data
STOT-repeated exposure	: Not classified.
Additional information	: Based on supplier raw material data
Aspiration hazard	: Not classified.
Additional information	: Based on supplier raw material data
Other information	: No additional information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

#### Sodium Carbonate (497-19-8)

LC50 - Fish [1]	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 - Fish [2]	310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.

#### Alkyl Polyglycoside C10-C16 (110615-47-9)

LC50 - Fish [1]	2.95 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	5.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	7 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	14 mg/l Test organisms (species): Daphnia magna

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<b>Sodium hydroxide (1310-73-2)</b>	
LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	40 mg/l
<b>Benzyl-C12-16-alkyldimethyl, chlorid (68424-85-1)</b>	
LC50 - Fish [1]	0.28 mg/l Species: Pimephales promelas (fathead minnow)
EC50 - Crustacea [1]	0.016 mg/l Species: Daphnia magna (Water flea)
EC50 72h - Algae [1]	0.12 mg/l Species: Lemna gibba
ErC50 algae	0.049 mg/l Species: Pseudokirchneriella subcapitata (green algae)
ErC50 other aquatic plants	0.089 mg/l Species: algae Growth inhibition
NOEC chronic fish	0.032 mg/l Species: Pimephales promelas (fathead minnow)
NOEC chronic crustacea	0.0042 mg/l Species: Daphnia magna (Water flea)

### 12.2. Persistence and degradability

<b>Schaerer ProCare BLUE</b>	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

<b>Schaerer ProCare BLUE</b>	
Bioaccumulative potential	Not established.
<b>Sodium Carbonate (497-19-8)</b>	
BCF - Fish [1]	(no bioaccumulation)

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : No other effects known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number		
Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available.		

### 14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

#### - Overland transport

Not regulated

#### - Transport by sea

Not regulated

#### - Air transport

Not regulated

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### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance.

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

Not determined

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:

None.

Abbreviations and acronyms:

°C – Degrees Celsius  
°F – Degrees Fahrenheit  
ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ACGIH – American Conference of Governmental Industrial Hygienists  
ATE – Acute Toxicity Estimate  
BCF – Bioconcentration Factor  
BEI – Biological Exposure Index  
CAS – Chemical Abstracts Service  
CLP – Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of substances and mixtures.  
CMR – Carcinogen, Mutagen, Reproductive toxin  
cP – centipoise (unit of dynamic viscosity)  
cSt – centistokes (unit of kinematic viscosity)  
DNEL – Derived No-effect Level  
DMEL – Derived Minimal Effect Level  
EC50 – Half maximal effective concentration  
ECHA – European Chemicals Agency  
EC-No. – European Community number  
EU – European Union  
GHS – Globally Harmonized System of Classification and Labelling of Chemicals  
h – Hours  
IATA – International Air Transport Association  
IC50 – Inhibition concentration  
IDLH – Immediately Dangerous to Life or Health  
IMDG – International Maritime Dangerous Goods  
IOELV – Indicative Occupational Exposure Limit Value  
KIFS – Swedish Chemicals Agency's (KemI's) Code of Statutes  
kPa – kilopascal  
Koc – Adsorption Coefficient  
Kow – Octanol-Water Partition Coefficient  
LC50 – Median Lethal Concentration  
LD50 – Median Lethal Dose  
LOAEL – Lowest Observed Adverse Effect level  
mg/l – Milligram per liter  
mg/kg – Milligram per kilogram  
mg/m<sup>3</sup> – Milligram per cubic meter  
Min – Minutes  
NIOSH – National Institute for Occupational Safety and Health  
NOEC – No Observed Effect Concentration  
NO(A)EL – No Observed (Adverse) Effect Level  
N.O.S. – Not Otherwise Specified  
OEL – Occupational Exposure Limit  
PBT - Persistent, Bioaccumulative and Toxic  
PCN – Poison Centre Notification  
PNEC – Predicted No Effect Concentration

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ppm – Parts per million  
PVC – Polyvinyl chloride  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID – European Agreement concerning the International Carriage of Dangerous Goods by Rail  
SDS – Safety Data Sheet  
STEL – Short Term Exposure Limit  
STOT – Specific Target Organ Toxicity  
SVHC – Substance of Very High Concern (CMR, vPvB, PBT)  
TDI – Tolerable Daily Intake  
TLV – Threshold Limit Value  
TWA – Time Weighted Average  
UFI – Unique Formulation Identifier  
UN – United Nations  
vPvB - Very Persistent and Very Bioaccumulative  
WEL – Workplace Exposure Limit  
WGK – Wassergefährdungsklasse – German water quality classification

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Irrit. 2	H319	Based on supplier raw material data
Aquatic Chronic 3	H412	Calculation method

*Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.*