

**Safety Data Sheet**

Dr. Schumacher

according to Regulation (EC) No 1907/2006

DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

DECONTAMAN PRE WASH inkl. Varianten

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

Disinfectant cleaning agent

1.3. Details of the supplier of the safety data sheet

Company name:	Dr. Schumacher GmbH	
Street:	Am Roggenfeld 3	
Place:	34323 Malsfeld / DEUTSCHLAND	
Telephone:	+49 (0) 5664/9496-0	Telefax: +49 (0) 5664/8444
e-mail:	post@schumacher-online.com	
Internet:	www.schumacher-online.com	
Responsible Department:	Responsible for the safety data sheet: sds@gbk-ingelheim.de	

1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)
 In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Serious eye damage/eye irritation: Eye Dam. 1

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Causes serious eye damage.

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Chlorhexidine gluconate

D-Glucopyranose, oligomeric, C10-160 alkyl glycoside

D-Glucopyranose, oligomers, decyl octyl glycosides

Signal word: Danger**Pictograms:****Hazard statements**

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P273 Avoid release to the environment.



**Safety Data Sheet**

Dr. Schumacher

according to Regulation (EC) No 1907/2006

DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 2 of 10

P391 Collect spillage.
P501 Dispose of contents/container to approved disposal company or local collection.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Aqueous preparation with additives.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
18472-51-0	Chlorhexidine gluconate			< 5 %
	242-354-0		01-2119946568-22	
	Eye Dam. 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 1); H318 H400 H410			
110615-47-9	D-Glucopyranose, oligomeric, C10-160 alkyl glycoside			< 5 %
	600-975-8		01-2119489418-23	
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides			< 5 %
	500-220-1		01-2119488530-36	
	Eye Dam. 1; H318			
122-99-6	2-Phenoxyethanol			< 5 %
	204-589-7	603-098-00-9	01-2119488943-21	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			

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

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated soaked clothing immediately.
If you feel unwell, seek medical advice.

After inhalation

After inhalation of combustion gases or decomposition products in case of fire, move victim into fresh air.
In the event of symptoms refer for medical treatment.

After contact with skin

Wash hands with water as a precaution.
Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.





DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 3 of 10

Never give anything by mouth to an unconscious person.

Call a physician immediately.

Induce vomiting only upon the advice of a physician.

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

Causes serious eye damage.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Not known.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.

Avoid contact with eyes.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep containers tightly closed in a dry, well-ventilated place.



**Safety Data Sheet**

Dr. Schumacher

according to Regulation (EC) No 1907/2006

DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 4 of 10

Keep at temperatures between 5°C and 25°C.

Hints on joint storage

No materials to be especially mentioned.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Disinfectant cleaning agent

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

No data available

8.2. Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

Avoid contact with eyes.

Remove and wash contaminated clothes before re-use.

Eye/face protection

Safety goggles with side protection in the event of risk of splashes (EN 166).

Hand protection

Also suitable are gloves made of:

Polychloropren - CR (0,5 mm): Breakthrough time > 4 h

Nitrile rubber/nitrile latex - NBR (0,35 mm): Breakthrough time > 4h

Butyl rubber - Butyl (0,5 mm): Breakthrough time > 8 h

Fluoro-rubber - FKM (0,4 mm): Breakthrough time > 8 h

Polyvinyl chloride - PVC (0,5 mm): Breakthrough time > 4 h

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

Not required under normal use.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Colourless / Coloured
Odour:	Unspecified

pH-Value:	5,0
-----------	-----

Changes in the physical state

Melting point:	n.d.
----------------	------

Test method

**DECONTAMAN PRE WASH inkl. Varianten**

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 5 of 10

Initial boiling point and boiling range: n.d.

Sublimation point: n.a.

Softening point: n.d.

Flash point: n.a.

Flammability

Solid: n.a.

Gas: n.a.

Explosive properties

The product is not explosive.

Lower explosion limits: n.a.

Upper explosion limits: n.a.

Ignition temperature: n.a.

Auto-ignition temperature

Solid: n.a.

Gas: n.a.

Decomposition temperature: n.d.

Oxidizing properties

Not oxidising.

Vapour pressure: n.d.

Density (at 20 °C): 1,023 g/cm³

Bulk density: n.a.

Water solubility:
(at 20 °C) Miscible

Partition coefficient: n.d.

Viscosity / dynamic: n.d.

Viscosity / kinematic: n.d.

Flow time: n.d.

Vapour density: n.d.

Evaporation rate: n.d.

9.2. Other information

No data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

No materials to be especially mentioned.





DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 6 of 10

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.
No toxicological data available.

Irritation and corrosivity

Causes serious eye damage.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.
Very toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

Chlorhexidine gluconate
LC50/Brachydanio rerio/96 h = 2,08 mg/l [OECD 203]
EC50/Daphnia magna/48 h = 0,087 mg/l [OECD 202]
ErC50/Desmodesmus subspicatus/72 h = 0,081 mg/l [OECD 201]

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6. Other adverse effects

Hazardous water pollutant.

Further information

This concentrate is not allowed to be released into the sewerage, surface water or groundwater.

SECTION 13: Disposal considerations



**Safety Data Sheet**

Dr. Schumacher

according to Regulation (EC) No 1907/2006

DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 7 of 10

13.1. Waste treatment methods**Advice on disposal**

Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:**

UN 3082

14.2. UN proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Chlorhexidine gluconate)**14.3. Transport hazard class(es):**

9

14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Limited quantity:

5 L / 30 kg

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

-

Other applicable information (land transport)

Special provision 375: Product is not subject to ADR/RID.

Inland waterways transport (ADN)**14.1. UN number:**

UN 3082

14.2. UN proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Chlorhexidine gluconate)**14.3. Transport hazard class(es):**

9

14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Limited quantity:

5 L / 30 kg

Excepted quantity:

E1

Other applicable information (inland waterways transport)

Special provision 375: Product is not subject to ADN.

Marine transport (IMDG)

**Safety Data Sheet**

Dr. Schumacher

according to Regulation (EC) No 1907/2006

DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 8 of 10

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine gluconate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Marine pollutant:	Yes
Limited quantity:	5 L / 30 kg
Excepted quantity:	E1
EmS:	F-A, S-F

Other applicable information (marine transport)

Subsection 2.10.2.7 IMDG Code: Product is not subject to IMDG Code.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine gluconate)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y964
Excepted quantity:	E1
IATA-packing instructions - Passenger:	964
IATA-max. quantity - Passenger:	450 L
IATA-packing instructions - Cargo:	964
IATA-max. quantity - Cargo:	450 L

Other applicable information (air transport)

Special provision A197: Product is not subject to IATA/DGR.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

**14.6. Special precautions for user**

Take the usual precautions when handling with chemicals.

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

The transport takes place only in approved and appropriate packaging.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Safety Data Sheet**

Dr. Schumacher

according to Regulation (EC) No 1907/2006

DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 9 of 10

EU regulatory information

2004/42/EC (VOC): 0 %
Information according to 2012/18/EU (SEVESO III): E1 Hazardous to the Aquatic Environment

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 2 - clearly water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Abbreviations and acronyms**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
vPvB = Very Persistent and very Bio-accumulative
LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
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.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.





Safety Data Sheet

Dr. Schumacher

according to Regulation (EC) No 1907/2006

DECONTAMAN PRE WASH inkl. Varianten

Revision date: 14.02.2019

Product code: 00320-0293-GHS

Page 10 of 10

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

