

# SAFETY DATA SHEET

on the basis of Regulation (EC) No. 1907/2006

**schülke** 

## **primasept 2%CHG wash mitts ES,FR 8 ST SP** *No Change Service!*

Version  
01.06

Revision Date:  
20.11.2023

Date of last issue: 10.10.2022

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : primasept 2%CHG wash mitts ES,FR 8 ST SP

#### Manufacturer or supplier's details

Producer : Schülke & Mayr GmbH  
Robert-Koch-Str. 2  
  
22851 Norderstedt  
Germany  
Telephone: +49 (0)40/ 52100-0  
Telefax: +49 (0)40/ 52100318  
mail@schuelke.com  
www.schuelke.com

Importer : Schülke & Mayr (Asia) Pte. Ltd.  
10 Jalan Kilang  
#04-01/02/03 Sime Darby Enterprise Centre

159410 Singapore  
Singapore  
Telephone: +65 6257 2388  
Telefax: +65 6257 9388  
mail.sg@schuelke.com

Emergency telephone number : +65 6257 2388

Emergency telephone number : Carechem 24 International: +65 3158 1198

#### Recommended use of the chemical and restrictions on use

Recommended use : Cosmetics

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye irritation : Category 2

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Response:**

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

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

### **Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

### **Other hazards which do not result in classification**

None known.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture  
Chemical nature : Aqueous containing solution on non-woven

### **Components**

Chemical name	CAS-No.	Concentration (% w/w)
glycerol	56-81-5	>= 1 -< 10
D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	18472-51-0	>= 1 -< 2.5

## **4. FIRST AID MEASURES**

If inhaled : If symptoms persist, call a physician.  
In case of skin contact : No hazards which require special first aid measures.  
In case of eye contact : Rinse thoroughly with plenty of water, also under the eyelids. Obtain medical attention.  
If swallowed : If accidentally swallowed obtain immediate medical attention.  
Most important symptoms and effects, both acute and delayed : Treat symptomatically. Causes serious eye irritation.  
Notes to physician : For specialist advice physicians should contact the Poisons Information Service.

## **5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Dry powder  
Foam  
Water spray jet  
Carbon dioxide (CO<sub>2</sub>)  
Unsuitable extinguishing media : Do NOT use water jet.  
Specific hazards during fire-fighting : No information available.  
Hazardous combustion products : No hazardous combustion products are known  
Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

## **6. ACCIDENTAL RELEASE MEASURES**

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- Personal precautions, protective equipment and emergency procedures : No special precautions required.
- Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

### 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : Keep only in original packaging.
- Conditions for safe storage : Store at room temperature in the original container.
- Further information on storage conditions : Protect from frost, heat and sunlight.  
Do not store at temperatures above 30°C.  
Recommended storage temperature: 15 - 25°C
- Materials to avoid : No materials to be especially mentioned.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
glycerol	56-81-5	PEL (long term) (Mist)	10 mg/m <sup>3</sup>	SG OEL

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Protective measures : No special precautions required.
- Hygiene measures : Keep away from food and drink.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Aqueous containing solution on non-woven
- Colour : colourless
- Odour : characteristic
- Odour Threshold : not determined
- pH : 5.7 (20 °C)  
Concentration: 100 % of the active solution
- Melting point/freezing point : No data available

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Decomposition temperature	Not applicable
Boiling point/boiling range	: No data available
Flash point	: > 100 °C of the active solution
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Self-ignition	: not auto-flammable
Upper explosion limit / Upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: Not applicable
Vapour pressure	: similar to water
Relative vapour density	: No data available
Density	: ca. 1.01 g/cm <sup>3</sup> (20 °C) of the active solution
Solubility(ies)	
Water solubility	: completely soluble (20 °C)
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: No data available
Viscosity	
Viscosity, dynamic	: ca. 1 mPa*s of the active solution
Viscosity, kinematic	: not determined
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Metal corrosion rate	: None reasonably foreseeable.

## 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: None reasonably foreseeable.
Conditions to avoid	: Do not store at temperatures above 30°C.

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Incompatible materials : Protect from frost.  
Hazardous decomposition : Do not mix with other products.  
products : None reasonably foreseeable.

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Components:

##### glycerol:

Acute oral toxicity : LD50 (Rat, female): 27,200 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat, male): > 5.85 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 412

Acute dermal toxicity : LD50 (Guinea pig, male and female): 56,750 mg/kg

##### D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):

Acute oral toxicity : LD50 (Rat): 2,270 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

#### Skin corrosion/irritation

Not classified based on available information.

#### Components:

##### D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):

Result : No skin irritation

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Components:

##### D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):

Result : Irreversible effects on the eye

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### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

#### **D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Species	: Guinea pig
Method	: OECD Test Guideline 406
Result	: Did not cause sensitisation on laboratory animals.

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Components:**

#### **D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Genotoxicity in vitro	: Test Type: Ames test Method: OECD Test Guideline 471 Result: negative
Germ cell mutagenicity - Assessment	: Non mutagenic

#### **Carcinogenicity**

Not classified based on available information.

#### **Components:**

#### **D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Species	: Rat, male and female
Application Route	: Oral
Exposure time	: 735 days
Method	: OECD Test Guideline 451
Remarks	: Animal testing did not show any carcinogenic effects.

Carcinogenicity - Assessment	: No evidence of carcinogenicity in animal studies.
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#### **Reproductive toxicity**

Not classified based on available information.

#### **Components:**

#### **D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Effects on foetal development	: Species: Rat Duration of Single Treatment: 14 Days Method: OECD Test Guideline 414 Result: Animal testing did not show any effects on fertility.
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Reproductive toxicity - Assessment : Animal testing did not show any effects on fertility.

### **STOT - single exposure**

Not classified based on available information.

### **Components:**

**D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Remarks : No data available

### **STOT - repeated exposure**

Not classified based on available information.

### **Components:**

**D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Remarks : No data available

### **Aspiration toxicity**

Not classified based on available information.

### **Further information**

### **Product:**

Remarks : No human information is available.

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

### **Components:**

#### **glycerol:**

Toxicity to fish : LC50 (Oncorhynchus mykiss): 54,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l  
Exposure time: 24 h

**D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Toxicity to fish : LC50 (Brachidanio rerio): 2.08 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna): 0.087 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (microalgae)): 0.03 mg/l

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Exposure time: 72 h

M-Factor (Acute aquatic toxicity) : 10

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.02306 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity) : 1

### **Persistence and degradability**

#### **Components:**

**D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Biodegradability : Result: Not readily biodegradable.

### **Bioaccumulative potential**

#### **Components:**

##### **glycerol:**

Partition coefficient: n-octanol/water : log Pow: -1.75 (25 °C)  
Method: OECD Test Guideline 107

**D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Bioaccumulation : Bioconcentration factor (BCF): 42  
Remarks: Accumulation in aquatic organisms is expected.

Partition coefficient: n-octanol/water : log Pow: -1.81 (20.7 °C)

### **Mobility in soil**

#### **Components:**

**D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1):**

Distribution among environmental compartments : log Koc: > 3.9  
Method: OECD Test Guideline 121

### **Other adverse effects**

No data available

## **13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : Can be incinerated or landfilled together with household waste in compliance with the regulations, and after consultation with the waste disposal services.



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Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable

##### IATA-DGR

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

##### IMDG-Code

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### Special precautions for user

Not applicable

### 15. REGULATORY INFORMATION

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

This information is not available.

#### Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and : Not applicable  
Environmental Protection and Management (Hazardous Substances) Regulations

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Fire Safety (Petroleum and Flammable Materials) Regulations : Not applicable

### **The components of this product are reported in the following inventories:**

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: For Cosmetic Use Only
AIIC	: Not in compliance with the inventory
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.  1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts
ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: Not in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: Not in compliance with the inventory
TECI	: Not in compliance with the inventory

## **16. OTHER INFORMATION**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

### **Full text of other abbreviations**

SG OEL : Singapore. Workplace Safety and Health (General Provisions) Regulations - First Schedule Permissible Exposure Limits of Toxic Substances.

SG OEL / PEL (long term) : Permissible Exposure Level (PEL) Long Term

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air

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Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.