

## Safety Data Sheet according to EC-Regulation 91/155/EEC

### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the substance or preparation

#### Public Places

#### A ready to Use (RTU) Disinfectant Spray

#### Use of the substance/preparation

Refer to description of material or preparation.

Disinfectant cleaner

#### Company/undertaking identification

Microgen-Europe B.V., Rokin 55, NL-1012 KK Amsterdam

Telephone +31 205 214 - 777, Fax +31 205 214 - 888

#### Emergency telephone / Office for advice

#### Advisory office in case of poisoning:

Tel.: ---

#### Telephone number of the company in case of emergencies:

Tel. +31 205 214 - 777

### 2. Composition/information on ingredients

2.1 Chemical name	content %	symbol	R-phrases	EINECS, ELINCS
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### 3. Hazards identification

#### 3.1 To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

May produce an allergic reaction.

#### 3.2 To the environment

See point 12.

### 4. First aid measures

#### 4.1 Inhalation

Supply person with fresh air.

Remove person from danger area.

#### 4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### 4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

#### 4.4 Ingestion

Rinse the mouth thoroughly with water.

Consult doctor immediately - keep Data Sheet available.

#### 4.5 Special resources necessary for first aid

n.c.

### 5. Fire-fighting measures

#### 5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.

**5.2 Extinguishing media which must not be used for safety reasons**

High volume water jet

**5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire the following can develop:

Oxides of carbon

Toxic pyrolysis products.

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

Protective respirator with independent air supply

**5.5 Further information**

Dispose of contaminated extinction water according to official regulations.

**6. Accidental release measures**

Refer to point 13. and for personal protection refer to point 8.

**6.1 Personal precautions**

Ensure good ventilation.

Avoid contact with eyes.

**6.2 Environmental measures**

If leakage occurs, dam up.

Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

**6.3 Methods for cleaning up**

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

**7. Handling and storage****7.1 Handling****Tips for safe handling:**

See point 6.1

Do not use on hot surfaces.

Wash hands before breaks and at end of work.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

General hygiene measures for the handling of chemicals are applicable.

**7.2. Storage****Requirements for storage rooms and****containers:**

Not to be stored in gangways or stair wells.

Store products only unopened, in original packing.

**Special storage conditions:**

See point 10.2

**8. Exposure controls/personal protection**

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

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8.1 Respiratory protection:

Normally not necessary.

In aerosol misting:

with formation of mist

Filter P 3 (EN 143)

If applicable, filter P 2 (EN 143)

8.2 Hand protection:

Recommended

Protective gloves in butyl rubber (EN 374).

8.3 Eye protection:

n.a.

Tight fitting protective goggles (EN 166) with side protection, with danger of projections.

8.4 Skin protection:

Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

## 9. Physical and chemical properties

Physical state:	Liquid
Colour:	Colourless
Odour:	Lemon
pH-value undiluted:	10,6
Boiling point/range (°C):	n.av.
Melting point/range (°C):	n.av.
Flash point (°C):	n.c.
Flammability (solid/gas):	n.c.
Density (g/ml):	1,028
Solubility in water:	Soluble
Viscosity:	10 cps

## 10. Stability and reactivity

### 10.1 Conditions to avoid

See point 7

Stable when handled and stored correctly.

### 10.2 Materials to avoid

See point 7

### 10.3 Hazardous decomposition products

See point 5.3

## 11. Toxicological information

### 11.1 Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.

### 11.2 Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

### 11.3. Further information

No classification according to calculation procedure.

May produce an allergic reaction.

## 12. Ecological information

Water hazard class (Germany):	1
Self classification:	Yes (VwVwS)
Persistence and degradability:	
Readily biodegradable *	
Behaviour in sewage plants:	Problems not expected when used correctly.
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
* Sodium N-(hydroxymethyl)glycinate	

## 13. Disposal considerations

### 13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 06 01 aqueous washing liquids and mother liquors

07 06 99 wastes not otherwise specified

07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

### 13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

15 01 02 plastic packaging

Cleaned packaging:

Recycling

## 14. Transport information

### General statements

UN-Number: n.a.

### Road/Rail-transport (ADR/RID)

Class/packing-group: n.a.

Classification code: n.a.

Hazard identification number: n.a.

LQ: n.a.

### Additional information:

Non-dangerous material according to Transport Regulations.

## 15. Regulatory information

### Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger: --

R-phrases:

S-phrases:

Additions:

Contains

Sodium N-(hydroxymethyl)glycinate

May produce an allergic reaction.

Observe restrictions: n.a.

## 16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10 - 13

Revised points: n.a.

### Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

5 / 5 EN

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Public Places

A ready to Use (RTU) Disinfectant Spray

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These statements were made by:

**Chemical Check GmbH, Beim Staumberge 3, D-32839 Steinheim, Tel.: +49 5233 94 17 0, +49 1805-CHEMICAL / +49 180 52 43 642, Fax: +49 5233 94 17 90, +49 180 50 50 455**

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