

# Safety Data Sheet

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

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

### 1.1 Product identifier

**ITSEPTIC Disinfectant cleaner**  
**500 ml RE02608**

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

Relevant identified uses: surface disinfection.

Uses advised against: not determined.

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

Manufacturer: **E5 Polska Sp. z .o.o.**

Address: ul. Wąwozowa 11, 02-796 Warszawa

Telephone/Fax number: + 48 22 228 20 90, +48 608 526 744

E-mail address for a competent person responsible for sds: e5@e5.pl

### 1.4 Emergency telephone number

112

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

Product is not classified as hazardous for human health and for the environment.

### 2.2 Label elements

Hazard pictograms and signal words

None.

Hazard statements

None.

Precautionary statements

None.

### 2.3 Other hazards

The components of this mixture do not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

CAS: 68424-85-1 EINECS: 270-325-2 Index number: — REACH number: —	<u>quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides</u> Skin Corr. 1B H314; Acute Tox. 4 H312; Acute Tox. 4 H302; Aquatic Acute 1 H400	< 0,1 %
CAS: 7173-51-5 EINECS: 230-525-2 Index number: 612-131-00-6 REACH number: —	<u>didecyldimethylammonium chloride</u> Acute Tox. 4 H302; Skin Corr. 1B H314; Aquatic Acute 1 H400	< 0,1 %

# Safety Data Sheet

CAS: 85409-23-0 EINECS: 287-090-7 Index number: — REACH number: —	quaternary ammonium compounds, c12-14-alkyl(ethylphenyl)methylidimethyl, chlorides Skin Corr. 1B H314; Acute Tox. 4 H302; Aquatic Acute 1 H400	< 0,1 %
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Full text of each relevant H phrase is given in section 16 of SDS.

## Section 4: First aid measures

### 4.1 Description of first aid measures

Skin contact: consult a doctor if disturbing symptoms appear. Wash the contaminated skin thoroughly with plenty of water with soap.

Eye contact: consult a doctor if disturbing symptoms appear. Protect the non-irritated eye, remove contact lenses. Wash the contaminated eye with plenty of water for 10-15 minutes. Avoid powerful water stream – risk of cornea damage.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms appear.

Inhalation: consult a doctor if disturbing symptoms appear. Move the victim to fresh air. Keep victim warm and calm.

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

There are no known adverse effects or critical hazards when the product is properly used.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: the product is not flammable. Adapt the extinguishing media to surrounding materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

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

When burning, the product may produce toxic fumes of carbon oxides, nitrogen oxides. Do not inhale combustion products, they can be dangerous for human health.

### 5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals.

## Section 6: Accidental release measures

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

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Avoid skin and eyes contamination.

### 6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

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

Collect with liquid absorbing materials (e.g. sand, silica, universal binding agent etc.) and place it in labeled containers. Clean the contaminated area.

# Safety Data Sheet

## 6.4 Reference to other sections

Appropriate conduct with waste product – section 13.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Before break and after work wash hands. Use in accordance with identified purpose.

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

Keep only in original, tightly closed containers. Keep away from food, drink and animal feedingstuffs. Keep away from direct sunlight. Protect from freezing.

### 7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

The product does not contain components with occupational exposure limit values established on the Community level.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU

### 8.2. Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Before break and after work wash hands carefully. Avoid contact with skin and eyes.

#### Hand and body protection

Not required.

#### Eyes protection

Not required.

#### Respiratory protection

Not required if the ventilation is adequate.

#### Environmental exposure controls

Do not let large amounts of the product contaminate the ground waters, drains, sewage system or soil.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	colourless
odour:	characteristic
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	100 °C
flash point:	not applicable, incombustible
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not applicable
vapour pressure:	not determined
vapour density:	not determined
density:	not determined

# Safety Data Sheet

solubility(ies):	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	the product is not subject to autoignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

## 9.2 Other information

No additional test results.

## Section 10: Stability and reactivity

### 10.1 Reactivity

The product does not undergo dangerous polymerisation. See also: subsections 10.3-10.5.

### 10.2 Chemical stability

The product is stable under normal conditions of use and storage.

### 10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

### 10.4 Conditions to avoid

Avoid heat sources and direct exposure to sunlight. Protect from freezing.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Not known.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

#### Toxicity of components

##### didecyldimethylammonium chloride

LD<sub>50</sub> (oral, rat): 658 mg/kg

LD<sub>50</sub> (skin, rat): >2 000 mg/kg

##### quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides

LD<sub>50</sub> (oral, rat): 240-500 mg/kg

LC<sub>50</sub> (oral, mouse): 150 mg/kg

LD<sub>50</sub> (skin): 1 420-1 560 mg/kg

#### Toxicity of mixture

##### Acute toxicity

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

##### Skin corrosion/irritation

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

##### Serious eye damage/irritation

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

##### Respiratory or 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.

# Safety Data Sheet

## 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.

## Section 12: Ecological information

### 12.1 Toxicity

#### Toxicity of components

quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl chlorides

Daphnia toxicity EC<sub>50</sub>: 0,016 mg/l/48h

didecyldimethylammonium chloride

Daphnia toxicity EC<sub>50</sub>: 0,06 mg/l/48h

Toxicity to algae EC<sub>50</sub>: 0,12 mg/l/96h

Toxicity to fish LC<sub>50</sub>: 0,97 mg/l/96h

#### Toxicity of mixture

Product is not classified as dangerous for the environment.

### 12.2 Persistence and degradability

Product is easily biodegradable.

### 12.3 Bioaccumulative potential

Bioaccumulation is not expected.

### 12.4 Mobility in soil

The product is mobile in soil and in the aquatic environment.

### 12.5 Results of PBT and vPvB assessment

Not applicable.

### 12.6 Other adverse effects

This product has no influence on the global warming or the ozone layer depletion.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of waste formation.

Disposal methods for used packing: reuse/recycle/eliminate empty containers in accordance with the legislation in force. Only containers completely empty can be recycled.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

# Safety Data Sheet

## Section 14: Transport information

### 14.1 UN number

Not applicable.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

Not applicable.

### 14.6 Special precautions for user

There are no special precautions.

### 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

**Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

**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 as amended.

**Commission Regulation (EU) No 2015/80** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**Regulation (EU) 2016/425** of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

**Directive 2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

**European Parliament and Council Directive 94/62/EC** of 20 December 1994 on packaging and packaging waste as amended.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment was not carried out for the mixture.

## Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.

# Safety Data Sheet

## Clarification of aberrations and acronyms

Skin Corr. 1B,1A	Skin corrosion category 1B,1A
Aquatic Acute 1	Hazardous to the aquatic environment (acute) category 1
Acute Tox. 4	Acute toxicity category 4
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

## Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

## Other data

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.