



Safety Data Sheet

According to REGULATION 1907/2006/ EC
Version 5.1

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Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **ZEO CARPET DEO**

1.2 Use of the substance / mixture

Use of the substance/mixture: Liquid for deodorizing fabrics, carpets, clothes

1.3 Details of the supplier of the safety data sheet

ZEO TEC HELLAS GROUP IKE
SPARTIA AREA, SESKLO VOLOS
Tel. 2421095212
FAX: 2421095212
Postcode: 38500
E-MAIL : zthellasgroup@gmail.com

1.4 Emergency telephone number

166 Greece (National emergency center)
+30 210 7793777 (Emergency telephone number)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin corrosion (Category 1B), H314
 Acute aquatic toxicity (Category 1), H400
 Acute Toxicity, Oral (Category 4), H302

For the full text of the H-phrases mentioned in this section, see Section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram



Signal word: Hazard

Hazard statements

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damages
H400	Very toxic to aquatic life

Precautionary Statement(s)

P273: Avoid release to the environment.
 P280: Wear protective gloves, protective clothes, means of personal protection for the eyes/face.
 P301 + P310: IF SWALLOWED: Call immediately POISON CENTER or a doctor.
 P305 + P351 + P338: IN CASE OF EYE CONTACT: Rinse thoroughly with water for several minutes. If there are contact lenses, remove them, if it is possible. Keep rinsing.

Additional Hazard Statements None

2.3 Other hazards

The substance / mixture does not contain ingredients that are considered to be either persistent, bioaccumulative or toxic (PBT) or highly persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

Section 3: Composition/information on ingredients

3.1 Substances

Hazardous ingredients according to Regulation (EC) No 1272/2008

Ingredient	Classification	Concentration
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides		
CAS-No. 63449-41-2 EC-No. 264-151-6	Skin Corr. 1B; Aquatic Acute 1; Acute Tox. 4.; H314, H400, H302 Coefficient m - Aquatic Acute: 10	5-15%

For the full text of the H-phrases mentioned in this section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General suggestions

Consult a physician. Show this health care professional to the treating physician.

In case of inhalation

In case of inhalation, bring the victim to fresh air. In the event of an objection Breathing artificial respiration. Consult a physician.

In case of contact with skin

Immediately remove contaminated clothing and shoes. Wash with soap and plenty of water. Transfer it Sick in a hospital. Consult a physician.

In case of contact with eyes

Rinse with plenty of water for at least 15 minutes and consult a physician.

If swallowed

DO NOT cause vomiting. Do not give anything by mouth to a person who has lost consciousness. Wash your mouth with water. Consult a physician.

4.2 Most important symptoms and effects, either immediate or delayed

The most important of the known symptoms and effects described in the labeling (See paragraph 2.2) and / or Chapter 11

4.3 Indication of any required immediate medical care and special treatment

No data available

5. FIREFIGHTING MEASURES

5.1 Fire-extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide Carbon.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

When extinguishing a fire, wear self-contained breathing apparatus when necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear breathing protection. Avoid dust formation. Do not breathe vapor / mist / gas. Take adequate ventilation measures. Transfer personnel to a safe place. Avoid it Inhalation of dust.
For personal protective clothing see section 8.

6.2 Environmental precautions

Prevent further leakage and spillage if this is possible without risk. It is forbidden Channeling into a sewer network. Elimination in the environment should be avoided.

6.3 Methods and materials for containment and cleaning up

Gather and distribute without creating dust. Wipe and place in suitable containers to be processed. It is delivered for disposal in suitably closed containers.

6.4 Reference to other sections

For refusal, see paragraph 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid dust and cloud formation. Take appropriate ventilation measures in case of dust formation. For precautions see 2.2.

7.2 Safe storage conditions, including incompatible situations

Keep in a cool place. Keep the container tightly closed in a dry place with good ventilation.

Hygroscopic Store in the presence of inert gas.

Storage category of Germany (TRGS 510): Non-flammable, corrosive hazardous materials

7.3 Specific end use or uses

Some of its uses are mentioned in section 1.2, no other specific uses have been defined

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients with controlled parameters in the workplace

Does not contain any substance with a workplace exposure limit value.

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye / face protection

Face protection and safety glasses. Use equipment to protect them, tested and approved to the appropriate government standards, Such as NIOSH (USA) or EN 166 (EU).

Skin protection

Handle with gloves. The gloves should be examined before use. Use correct Glove Removal Technique (without touching the outer surface of the glove) to avoid skin contact with this product. Dispose of contaminated gloves after use, in accordance with applicable legislation and good laboratory practice.

Wash and dry hands

The protective gloves that are to be used must comply with the specifications Of EU Directives 89/689 / EEC and the resulting EN 374 standard.

Full contact

Material: Nitrile rubber

Minimum layer thickness:

Duration times: 480 Minutes
Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)

Contact with droplets
Material: Nitrile rubber
Minimum layer thickness:
Duration times: 480 Minutes
Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)

Data source: KCL GmbH, D-36124 Eichenzell, Telephone +49 (0) 6659 87300, e-mail Sales@kcl.de, Test method: EN374

In case of use in solution or mixing with other substances and in conditions that deviate from EN 374, you should contact the supplier of approved gloves EC. This recommendation is only advisory and should be evaluated by the responsible security technician who should be familiar with the particular circumstance regarding the expected use by our customers

It should not be interpreted as granting approval for each use case.

Body Protection

Full protective clothing against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the site Work.

Respiratory protection

When the risk assessment indicates that it is advisable to use respirators, use Large particle respirator for N100 type filters or replacement filters Respirator type P3 (EN 143) as an alternative to the mechanical controls. If the respirator is the only protection, use a full-face ventilator with independent air supply. Use respirators and components tested and approved by state standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage and spillage if this is possible without risk. It is forbidden to channel it into a sewer network. Elimination in the environment should be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

A) View	Form: liquid
B) Odor	Color: colorless
C) Odor threshold	No data available
D) pH	No data available
E) Melting Point / Point Coagulation	7 +/- 0.5
F) Initial boiling point and Boiling range	No data available
G) Flash point	No data available
H) Evaporation rate	It does not ignite
I) Flammability (Solid, gas)	No data available
J) Higher / inferior Flammability limits or Explosion	No data available
K) Vapor pressure	No information available
L) Vapor density	No information available
M) Relative density	No data available
N) Water solubility	No information available
O) Allocation coefficient: N-octanol / water	No data available
P) Temperature Self-ignition	Not valid
Q) Temperature Decomposition	No data available
R) Viscosity	No information available
S) Explosive properties	Not valid
T) Oxidative properties	No data available

9.2 Other Safety Information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to be avoided

Avoid moisture.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In case of fire, hazardous decomposition products may be formed. - Unknown nature Decomposition products Further disintegration products - No data available

In case of fire: see chapter 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Mouse - 150 mg / kg

Remarks: Behavior: Drowsiness (generally impaired action). Blood: Haemorrhage.

LD50 Skin - Rat - 1.420 mg / kg

Remarks: Behavior: Drowsiness (generally impaired action). Blood: Haemorrhage.

Skin erosion and irritation

No data available

Severe damage / irritation of the eyes

No data available

Respiratory sensitization or sensitization of the skin

No data available

Germ cell mutagenesis

No data available

Carcinogenicity

IARC:

No component of the product present in a concentration equal to or greater than 0.1% does not Is identified by the IARC as a possible, potential or proven carcinogenic product for the IARC person.

Reproductive toxicity

No data available

Specific Toxicity to Target Organs - One-off exposure

No data available

Specific Target Organ Toxicity - Repeated exposure

No data available

Suction toxicity

No data available

More information

RTECS: BO3151000

Cough, Shortness of breath, Headache, Nausea, Vomiting

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity to fish

mortality LOEC - Oncorhynchus kisutch - 17.8 mg / l - 3.0 d

LC50 - Lepomis macrochirus - 0.31 mg / l - 96.0 h

Mortality NOEC - Oncorhynchus kisutch - 10 mg / l

12.2 Persistence and degradability

No data available

12.3 Possibility of bioaccumulation

No data available

12.4 Mobility on the ground

No data available

12.5 Results of PBT and vPvB assessment

The substance / mixture does not contain ingredients that are considered to be either persistent, bioaccumulative or toxic (PBT) or highly persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS**13.1 Waste management methods****Product**

Residues and non-recyclable solutions are delivered to an approved processing company waste. Incinerate in an oven if the environmental protection regulations allow it.

Unpacked packages (packages)

Disposed of as an unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR / RID: 3261 IMDG: 3261 IATA: 3261

14.2 UN proper shipping name

ADR / RID: STABILIZED SOLIDS, ACID, ORGANIC, EA. (Benzalkonium chloride)

IMDG: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Benzalkonium chloride)

IATA: Corrosive solid, acidic, organic, n.o.s. (Benzalkonium chloride)

14.3 Transport hazard class (es)

ADR / RID: 8 IMDG: 8 IATA: 8

14.4 Packaging group

ADR / RID: II IMDG: II IATA: II

14.5 Environmental risks

ADR / RID: yes IMDG Marine pollutant: yes IATA: no

14.6 Special precautions for user

No data available

15. REGULATORY INFORMATION

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

This Safety Data Sheet meets the requirements of Regulation (EC) No 1907/2006.

15.2 Chemical Safety Assessment

No chemical safety assessment was performed for this product

16. OTHER INFORMATION

Full text of H-Statements referred to in sections 2 and 3.

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

Further information

The above information is considered to be correct but does not include all the data and should only be used as a guide. The information in this document is based on our current knowledge and apply to the product if the security precautions are observed. It does not represent any warranty on the properties of the product.