



Safety Data Sheet

According to REGULATION 453/2010/ EC
Version 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 PEROXIDE**

1.2 Use of the substance / mixture

Use of the substance/mixture: Bleaching of fabrics,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

Eye damage 1; H318 Causes serious eye damage.
Skin irritant2; H315 Causes skin irritation
Acute Tox. 4; H302 Harmful if swallowed.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram



Signal word: Hazard

Hazard Statements

H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H315 Causes skin irritation
H302 Harmful if swallowed.

Safety precautions

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue 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 Mixtures

Hazardous ingredients

Ingredient			Sort according to 1272/2008/EC	Content	
Hydrogen peroxide	CAS-No	7722-84-1	H302 ,H318,H335 ,H315	30% - 49 %	
	EC-No.	231-765-0			

4. FIRST AID MEASURES

4.1 Description of first aid measures

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

In case of skin contact: Change contaminated clothing. Wash with plenty of water. Consult physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Consult physician immediately.

4.2 Most important symptoms and effects, both acute and 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 immediate medical attention and special treatment needed

No special measures are required.

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

Unknown nature of decomposition products

5.3 Advice for firefighters

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

5.4 Further information

Use water spray to cool off closed containers.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Do not breathe vapor / mist / gas. Take action Adequate ventilation. Transfer personnel to a safe place. 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

Spilled material should be collected by spark-absorber or wet scrubbing and given In containers for disposal in accordance with local legal regulations (see point 13).

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 inhalation of vapors or mist. Keep away from sources of ignition
- No smoking. For precautions see 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool place. Keep the container tightly closed in a dry place with good ventilation. Open containers should be carefully closed and stored upright to avoid Any leakage.

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

Ingredient	CAS-No	Price/Item of exposure	Control parameters	Basis
Hydrogen Peroxide	7722-84-1	TWA	1ppm	Exposure limit value

8.2 Exposure controls

Appropriate engineering controls

The recommended protective measures for handling chemicals should be taken into account. Wash hands before breaks and at the end of work.

Personal protective equipment

Eye / face protection

Protective glasses that seal perfectly. Protective shield for the face (At least 8 inches). Use eye protection equipment tested and Approved in accordance with appropriate government standards such as NIOSH (US) 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) in order to Skin contact with this product is avoided. Dispose of contaminated gloves After use, in accordance with applicable legislation and good laboratory

practice. Wash and dry hands The protective gloves 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

Contact with droplets Material: Nitrile rubber Minimum layer thickness: Duration times: 480 Minutes

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 This Recommendation is only advisory and should be evaluated by T.A. Industries and Labor Officer who should be familiar with it A specific circumstance concerning 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 Multi-purpose respirator (US) or spare filters Respirator type ABEK (EN 14387) as an alternative to the mechanical controls. If the respirator is the only protection, use it Fully ventilated snorkel 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 into a sewer network. Elimination in the environment must be Is avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Data on basic physical and chemical properties

- A) Appearance Form: liquid, transparent Color: colorless
- B) Odor No information available
- C) Odor Threshold No information available
- D) pH No data
- E) Melting Point / Point Coagulation No data available
- F) Initial boiling point and Boiling range No data available
- G) Flash point Not applicable
- H) Evaporation rate No data available
- 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 No data available
- Q) Temperature Decomposition No data available
- R) Viscosity No information available
- S) Explosive properties No data available
- T) Oxidizing 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

No data available

10.5 Incompatible materials:

Zinc, Powder Metals, Iron, Copper, Nickel, Bronze, Iron and Salts Iron.

10.6 Hazardous decomposition products

In case of fire: see chapter 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

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: 3 - Group 3: Not classified as carcinogenic in humans (Hydrogen Peroxide)

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: no data available

The chemical, physical and toxicological properties of this product have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

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

Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste management methods

Product

Burn in a chemical incinerator with a burner and rinse aid, but give it special caution when burning as the material is highly flammable. Residues and non-recyclables Solutions are delivered to an approved waste treatment company.

Unpacked packages (packages)

Disposed of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number

ADR / RID: 2014

IMDG: 2014

IATA: 2014

14.2 UN proper shipping name

ADR / RID: HYDROGEN PEROXIDE, WATER SOLUTION

IMDG: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

IATA: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

14.3 Transport hazard class (es)

ADR / RID: 5.1 (8)

IMDG: 5.1 (8)

IATA: 5.1 (8)

14.4 Packaging group

ADR / RID: II

IMDG: II

IATA: II

14.5 Environmental risks

ADR / RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

15. REGULATORY INFORMATION

This Safety Data Sheet meets the requirements of Regulation (EC) No 453/2010.

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**15.2 Chemical Safety Assessment**

No chemical safety assessment was performed for this product

16. OTHER INFORMATION**List of the hazard statements referred to in section 3 (H-phrases):**

- H271 May cause fire or explosion. Powerful oxidant.
- H272 Can the fire rebound. Oxidant.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes severe eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful by inhalation.
- H335 May cause respiratory irritation.

Further information

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