

Safety Data Sheet

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« This document complies with REACH regulation no. 1907/2006/EC »

1. Identification of the product

1.1 Identification of the product

Product reference: 01 CSAFE01 XX

1.2 Recommended use of the chemical and restrictions on use

No other important information available.

Application of the substance / the mixture: adhesive tape

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:

GERGONNE INDUSTRIE

Z.I. Nord - Rue de Tamas - CS 70204 - 01117 OYONNAX CEDEX – France

Telephone No.: +33 (0)4 74 73 39 01

1.4 Emergency telephone No.

Emergency telephone No.: +33 (0)4 74 73 39 01

2. Hazard identification

2.1 Classification of the substance or mixture

According to CE 1272/2008 regulation

Aquatic Chronic – Catégorie 2

2.2 Label elements

Symbols:



Warning: None

Hazard Statements: H411 Toxic to aquatic life with long lasting effects

Precautionary: P273 : Avoid release to the environment.

Additional information: Not applicable

2.3 Other hazards

This mixture does not contain any substance that meets the PBT or vPvB criteria (REACH annex XIII).

3. Composition/Information on ingredients

3.2 Chemical Characterization: Mixtures

Chemical name	N°CAS	N° CE	Classification CLP	Concentration
Ethene homopolymere, PE	9002-88-4	618-339-3	Substance not classified	60% ≥ C > 80%
Zinc oxide	1314-13-2	215-222-5	Aquatic Acute - Catégorie 1, M=1 Aquatic Chronic - Catégorie 1, M=1	0,1 ≥ C > 5 %

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4. First aid measures

4.1 Description of first aid

Inhalation : No specific first aid measure necessary
Ingestion : Seek medical advice
Skin contact : No specific first aid measure necessary
Eye contact : In case of irritation, seek medical advice

4.2 Most important symptoms/effects, acute and delayed

No other important information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No known specific treatments.

5. Firefighting measures

5.1 Suitable Extinguishing Media

Fire extinguishing recommended: Water, carbon dioxide, foam or dry powder
Inappropriate extinguishing media: No known inappropriate media

5.2 Special Hazard

Formation of toxic gases is possible in case of fire. Do not inhale combustion gases.

5.3 Protective measures

Self-contained breathing apparatus recommended.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Not applicable

6.2 Environmental precautions:

Prevent spill into sewers and surface water - do not get into soils. Wastes from the spill cleanup should be treated as hazardous waste.

6.3 Methods and materials for containment and cleaning up:

Not applicable

6.4 Reference to other sections

Refer to Section 7 for safe handling
Refer to Section 8 for personal protective equipment

7. Handling and storage

7.1 Precautions for safe handling:

No risk of emission or exposure to dangerous chemical products under normal conditions of use.

7.2 Conditions for safe storage:

Not applicable

7.3 Specific end use(s)

Store at a temperature between 18 - 30°C and 50 to 60% relative humidity. Under these conditions the product can be kept for up to 12 months in its original packaging.

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8. Exposure controls/Personal protection

8.1 Control parameters

Components with threshold values to be monitored per workers:	
1314-13-2 Zinc oxide	
VME	Long-term value: 5* 10** mg/m ³ * smoke ** dust

Additional information: This document is based on the lists applicable at the time of its creation.

8.2 Exposure controls

Personal protection: No specific protection required

General hygiene and protection measures: No specific protection required

9. Physical and chemical properties

9.1 Physical and chemical properties

- State : Solid
- Colour : See technical sheet
- Odour : Weak
- PH : Not applicable
- Boiling point/range : Not applicable
- Flash point : Not applicable
- Flammability : Unclassified
- Danger of explosion : Unclassified
- Oxidising properties : Unclassified
- Vapour pressure : Not applicable
- Relative density : Not applicable
- Solubility in water : Not applicable
- Solubility in solvents : Not applicable
- Viscosity : Not applicable
- Vapour density : Not applicable

9.2 Other information

No other important information available.

10. Stability and reactivity

10.1 Reactivity

This product is considered non-reactive and stable under normal conditions of storage and use.

10.2 Chemical stability

Substances to avoid : powerful oxidising agents

Decomposition products: No hazardous decomposition products under recommended usage conditions.

Hazardous decomposition products may occur as the result of oxidation, excess heating or a reaction with other substances.

10.3 Possibility of hazardous reactions

Zinc can be attacked slowly by sulfuric acid and hydrochloric acid diluted with hydrogen. Zinc reacts slowly with ammonia and acetic acid, more rapidly with nitric acid (with formation of nitrogen oxides and sometimes nitrogen).

10.4 Conditions to Avoid

Do not store at temperature > 50°C

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10.5 Incompatible Materials

Strong oxidizers

10.6 Hazardous Decomposition Products:

ZnO-fume can be generated during thermal processing.

11. Toxicological information

11.1 Information on toxicological effects

No known specific danger.

Based on our current knowledge and under normal conditions of use, this product has no dangerous toxic effect. No evidence of toxicity or sensitisation.

12. Ecological information

12.1 Toxicity

The following data relate to zinc oxide (CAS 1314-13-2).

Acute toxicity (short term)

Dose/ No Effect Concentration	Duration of Test	Species	Result	Method	Source
EC50 = 0,17 mg Zn/L	72h	Selenastrum capricornutum (pH>7-8,5)	Dangerous for algae	OECD 201	Van Ginneken, 1994
EC50 = 0,67 mg Zn/L	48h	Ceriodaphnia dubia (pH<7)	Dangerous for shellfish	US EPA 821-R-02-012	Hyne et al 2005

No proven effect for acute toxicity to fish. (NOLC> 5.9 mg / L)

The M-factor for mixtures from this substance for acute toxicity is M = 1

Chronic toxicity (long term)

Dose/ No Effect Concentration	Duration of Test	Species	Result	Method	Source
NOEC = 102,1 µg/L	-	Selenastrum capricornutum pH 6- < 7	Dangerous in the long term for algae	-	CSR-zinc-2010
NOEC = 23,8 µg/L	-	Daphnia magna pH >7 - 8,5	Dangerous in the long term for crustaceans	-	CSR-zinc-2010

The M-factor for mixtures from this substance for chronic toxicity is M = 1

12.2 Persistence and degradability

No test data available.

12.3 Bioaccumulative potential

No test data available.

12.4 Mobility in soil

No test data available.

12.5 Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

12.6 Other adverse effects

No data available.

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13. Disposal considerations

13.1 Waste treatment methods

The product and the packaging may be incinerated together in an authorized disposal site.

14. Transport information

Under the regulations in force the product is not hazardous and is not subject to specific labelling.

15. Regulatory information

15.1 Safety, health and environmental regulations-legislation specific for the mixture

European directives : Unclassified

Symbols and indications of danger : Non-hazardous product

15.2 Chemical safety assessment:

A chemical safety assessment has not been conducted.

16. Other information

All information contained in this document is given on the basis of our knowledge at present and is given in good faith but does not constitute a warranty for final use of the product. No warranty should be understood or implied as the final use and application of the product are beyond our control. All risks should be taken into consideration by the final user. GERGONNE INDUSTRIE does not accept any liability for loss or damage arising from the incorrect use of this information.