

SCHEMA DI SICUREZZA

ZETASIL CATALYST

Edition 2 of 01/07/03
Revision 0

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1. PRODUCT AND MANUFACTURING COMPANY IDENTIFICATION

Brand name: ZETASIL CATALYST

Use: catalyst in gel for silicone

Supplier: INDUSTRIA ZINGARDI Srl – Via Mazzini, 161 – 15067 NOVI LIGURE (AL) ITALY –
Tel: ++39 0143 2148/73468 – Fax: ++39 0143 71883 – e-mail: zingardi@zingardi.it

Telephone number for urgent call: ++39 0143 2148

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances contained in the preparation, considered dangerous according to the EEC Directive CEE 67/548 and following adjustments:

none

The preparation contains:

<u>COMPONENTS</u>	<u>RAW FORMULA</u>	<u>CAS</u>	<u>QUANTITY</u>
Tetrakis ortosilicato		18765-38-3	

3. IDENTIFICATION OF DANGERS

Irritant for the eyes and for the skin.

4. FIRST AID

Contact with eyes: water eyes with a lot of water, consult a doctor

Contact with skin: water with a lot of water and neutral soap, if it is necessary consult a doctor

Inhalation: transfer the man at fresh air, consult a doctor

Ingestion: drink a lot of water, not bring on vomit, consult a doctor

5. FIRE-PREVENTION METHODS

Suitable means of extinction: powder, foam, CO₂

Forbidden means of extinction: water at full jet

Risks for exposure or risks for combustion: vapours of carbon oxide can be generated in case of fire

6. MEASURES FOR CASUAL DISPERSION

Collect the material in suitable containers.

Dispose according to the norms.

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7. MANIPULATION AND STORAGE

7.1 **Manipulation:** use protective gloves

7.2 **Storage:** keep into the original packaging in a dry place out of the light

8. PERSONAL PROTECTION / EXPOSURE CONTROL

8.1 **Values limit for exposure:**

8.2.1 **Control of professional exposure:**

8.2.1.1 **Respiratory protection:** not necessary

8.2.1.2 **Hand protection:** use protective gloves

8.2.1.3 **Eyes protection:** use protective glasses

8.2.1.4 **Skin protection:** not necessary

8.2.2 **Environmental exposure control:** keep far from food

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: pink coloured gel

Odour: fruity

pH: n.a.

Viscosity: n.a.

Solubility in water: it decomposes for hydrolysis

Density: 1 g/ml

Flash Point: 40 °C

10. STABILITY AND REACTIVITY

Stability: decomposing itself it produces dangerous substances as **Butoxyethanol** and powders

Conditions to avoid: none

Substances to avoid: none

Dangerous reactions: none if used properly for the use which it is designed

11. TOXICOLOGICAL INFORMATION

The product does not present toxicological risks if used properly for the use which it is designed.

If the material sustains thermal decomposition, the produced vapours can irritate the respiratory system.

12. ECOLOGICAL INFORMATION

12.1 **Solubility in water:** not soluble

12.2 **Biodegradability:** not biodegradable

12.3 **Risks for environment:** none known

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13. WASTE DISPOSAL

The product is classifiable as special waste not dangerous, it can be eliminated in controlled dump according to the current law (D. Lgs 22/97 and following adjustments).
Sometimes, for decision of single town council, it can be disposed with domestic waste.

14. INFORMATION ON TRANSPORT

Transport not regulated.

15. REGULATIONS

Labelling of preparation in application of D. Lgs 3 February 1997, n° 52 and Directive 1999/45/CE regarding classification, packing and labelling of dangerous compounds:

Symbol of danger: Xi

Phrase of risk: R36/38 irritant for the eyes and the skin

Advices of caution: S37 use suitable gloves

S39 use protection for eyes

16. FURTHER INFORMATION

Safety schedule was written in conformity to Directive 91/155/EEC and following adjustments and D.M. 4/04/97 and 7/09/2002. The reported information are based on our present knowledge at the moment of the consignment, considering safety norms and a correct and pure use.
The supplying firm is not responsible for an improper use of the product and for any risk springing from changes or unknown effects in the technical characteristics of raw materials.