

# Safety Data Sheet

## 1. Identification of the substance / preparation and the Company

### 1.1 Identification of the substance or preparation

Code: CATALIZZATOREPASTA  
Product name: CATALIZZATORE PASTA

### 1.2 Use of the substance / preparation

### 1.3 Company identification

Name: Tenax Spa  
Full address: via I Maggio 226  
District and Country: 37020 Volargne (VR) Italy  
Tel.: 045/6860222  
Fax: 045/6862456

### 1.4 Emergency telephone

For urgent inquiries refer to: tenax@tenax.it  
<http://www.tenax.it>

## 2. Composition / Information on ingredients

### Contains:

Name	Concentration C	Classification
PEROSSIDO DI BENZOILE	46,6 <= C < 50,6	R 2
Cas No 94-36-0		Xi R 36
CE No 202-327-6		Xi R 43
Index No 617-008-00-0		

The complete text of -R- phrases is specified in section 16.

## 3. Hazards Identification

### 3.1 Substance/Preparation Classification

This prepare is dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments. Therefore, this prepare requires a safety data sheet according to the 91/155/EC regulation and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols: O-Xi  
Phrases R: 7-10-36-43

### 3.2 Danger Identification

MAY CAUSE FIRE.

Because of its chemical-physical features, this product is graded as flammable (flash-point 21 °C or higher and 55 °C or lower ).  
IRRITATING TO EYES.

# Tenax Spa

## CATALIZZATORE PASTA

Revision nr. 3  
Dated 04/07/05  
Printed on 06/07/05  
Page n. 2 / 4

MAY CAUSE SENSITIZATION BY SKIN CONTACT.

### 4. First aid measures

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.

### 5. Fire-fighting measures

Closed containers exposed to the heat of a fire may lead to pressure rise and explode. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures, refer to the other sections of this sheet.

Extinguishing measures: CO<sub>2</sub>, foam, chemical powder for flammable liquids. Water may not be effective to extinguish the fire, nevertheless it should be used to cool the containers exposed to flames and prevent fires and explosions. For leakage and spillage that have not caught fire, nebulized water may be used to disperse the flammable vapours and protect the people involved in stopping the leakage.

Equipment: wear equipment complete with helmet and face shield and protection of the neck, selfbreathing apparatus at pressure or demand, insulative jacket and trousers, with bands around the arms, legs and waist.

### 6. Accidental release measures

Limit leakages with earth or inert material. Remove most of the product and then rinse the involved area by jets of water.

### 7. Handling and storage

Store in a well ventilated place, keeping the containers closed when not used. Do not smoke while handling. Keep far away from sources of heat, naked flames and sparks and other sources of ignition.

### 8. Exposure control / personal protection.

Follow the good industrial hygiene practices adopting suitable individual protective measures, such as gloves and overall. Do not eat or smoke while handling the product. Wash hands before eating and at the end of the work shift. Periodic health controls are recommended at the discretion of the doctor.

### 9. Physical and chemical properties

Colour	WHITE
Odour	TYPICAL
Appearance	PASTE
Solubility	NOT SOLUBLE IN WATER
Viscosity	100000
Vapour density	N.A.
Evaporation speed	N.A.
Comburent properties	N.A.
Partition coefficient: n-octanol/water	N.A.
pH	N.A.
Boiling point	N.A.
Flash point	50 °C
Explosive properties	N.A.
Vapour pressure	N.A.
Specific gravity	1,21 Kg/l

# Tenax Spa

## CATALIZZATORE PASTA

Revision nr. 3  
Dated 04/07/05  
Printed on 06/07/05  
Page n. 3 / 4

### 10. Stability and reactivity

Thermal decomposition and combustion release carbon monoxides and other toxic gases and vapours. The product may react exothermically on contact with strong oxidizing agents or reducers, strong acids or bases.

### 11. Toxicological information

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. Vapour inhalation may moderately irritate the upper respiratory tract. Contact with skin may cause slight irritation. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Cutaneous lesions may include: erythemas, edemas, papules, vesicles, pustules, scurves, ulcerations and exudative phenomena, whose intensity varies according to illness seriousness and affected areas. Erythemas, edemas and exudative phenomena prevail during the acute phase. Scurfy skin, dryness, ulcerations and skin thickening prevail during the chronic phase.

### 12. Ecological information

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

### 13. Disposal consideration

The product is to be classified as a special waste which cannot be treated as city wastes because it is dangerous.

### 14. Transport information

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations. These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

#### Road and rail transport:

ADR: 5.2 UN: 3108  
Packing Group: II  
Label: 5.2  
Proper Shipping Name: organic peroxide type E solid (dibenzoyl peroxide)

#### Carriage by sea (shipping):

IMO class: 5.2 UN: 3108  
Packing Group: II  
Label: 5.2  
EMS: 5.2-01  
Proper Shipping Name: organic peroxide type E solid (dibenzoyl peroxide)

#### Transport by air:

IATA: 5.2 UN: 3108  
Packing Group: II  
Label: 5.2  
organic peroxide type E solid (dibenzoyl peroxide)

## CATALIZZATORE PASTA

### 15. Regulatory information

Xi



IRRITANT

O



OXIDIZING

- R 7 MAY CAUSE FIRE.
- R10 FLAMMABLE.
- R36 IRRITATING TO EYES.
- R43 MAY CAUSE SENSITIZATION BY SKIN CONTACT.
- S 2 KEEP OUT OF THE REACH OF CHILDREN.
- S24/25 AVOID CONTACT WITH SKIN AND EYES.
- S26 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
- S37 WEAR SUITABLE GLOVES.
- S43 IN CASE OF FIRE USE DUST, CARBON DIOXIDE, FOAM, SPRAYED WATER. DO NOT USE WATER DIRECTLY.

Contains:

PEROSSIDO DI BENZOILE

Danger labelling under regulations 67/548/EEC and 1999/45/EC and following amendments and adjustments.

Workers exposed to this chemical agent must undergo health checks according to regulation 98/24/EC.

### 16. Other information

Text of -R- phrases quoted in section 2 of the sheet.

- R 2 RISK OF EXPLOSION BY SHOCK, FRICTION, FIRE OR OTHER SOURCES OF IGNITION.
- R 36 IRRITATING TO EYES.
- R 43 MAY CAUSE SENSITIZATION BY SKIN CONTACT.

#### GENERAL BIBLIOGRAPHY

1. Regulation 1999/45/CE and following amendments;
2. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXIX);
3. Regulation 91/155/CEE and following amendments;
4. The Merck Index. - 10th Edition;
5. Handling Chemical Safety;
6. Niosh - Registry of Toxic Effects of Chemical Substances;
7. INRS - Fiche Toxicologique (toxicological sheet);
8. Patty - Industrial Hygiene and Toxicology;
9. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition;

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Changes to previous review

The following sections were modified:

01 / 09 / 15