

# Safety Data Sheet

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

### 1.1 Identification of the substance or preparation

Product name FRACTALIS MAGMA

### 1.2 Use of the substance / preparation

### 1.3 Company identification

Name Createlab srl  
Full address Via Perlasca 20  
District and Country 41126 Modena  
Italy  
Tel. +39 059 281777  
  
info@createlab.it

### 1.4 Emergency telephone

For urgent inquiries refer to +39 059 281777

## 2. Composition / Information on ingredients

Contains:

Name	Concentration C	Classification
2-BUTOXYETHANOL	1 <= C < 1,5	Xn R20/21/22
Cas No 111-76-2		Xi R36/38
CE No 203-905-0		
Index No. 603-014-00-0		

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

## 3. Hazards Identification

3.1. This preparate is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Nevertheless, this preparate contains dangerous substances in concentrations that must be declared in section No. 2 and requires a data sheet according containing all the information required under the 91/155 EC regulation and subsequent amendments

## 4. First aid measures

EYES: Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.

SKIN: Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists, seek medical attention. Wash contaminated clothing before using them again.

INHALATION: Remove to open air. If breathing is irregular, seek medical advice.

**INGESTION:** Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

**INHALATION:** Immediately seek medical advice. In the meantime Remove to open air, far from the contaminated premises. If breathing stops or is difficult, give an artificial respiration adopting the proper measure for the helper.

## 5. Fire-fighting measures

Allow containers to cool in order to avoid product decomposition and generation of substances which might injure the health and be dangerous for safety reasons. Wear fire equipment all the time.

## 6. Accidental release measures

Extinguish the sources of ignition or heat; cover the spillage with inert absorbent material. Collect as far as possible the resulting mass and discard the remainder by spraying water.

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.

## 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.

2-butoethenol			
- TLV TWA	97	mg/m <sup>3</sup>	ACGIH
- OEL	98	mg/m <sup>3</sup>	EU (8h) skin

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures, such as: masks suitable for the product, goggles, gloves and overall. Do not eat, drink or smoke while handling it. Accurately wash the hands with soap and water before meals and at the end of the work shift.

## 9. Physical and chemical properties

Odour	Sharp
Appearance	Viscous liquid suspension
Solubility	Partial
Colour	White
Viscosity	N.A.
Vapour density	N.A.
Evaporation Rate	N.A.
Reactive Properties	N.A.
Partition coefficient: n-octanol/water	N.A.
pH	8 - 9
Boiling point	N.A.
Flash point	N.A.
Explosive properties	N.A.
Vapour pressure	N.A.

## 10. Stability and reactivity

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

Propylene glycol: it is hygroscopic, stable in normal conditions; at high temperatures, it tends to oxidize yielding propionaldehyde as well as lactic and acetic acid.

2-butoethanol may form explosive peroxides, it reacts with light metals, such as aluminium (ref. H.C.S.)

## **11. Toxicological information**

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This preparation may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

1,2-PROPANEDIOL: oral LD50 (mg/kg) 20800 (RAT) ; dermal LD50 (mg/kg) 20800 (RAT)

2-butoethanol: oral LD50 oral rat = 470 mg/Kg LD50 skin absorption rat > 200 mg/kg., LD50 skin absorption rabbit > 220 mg/kg inhalation LC50 (rat) 2,21 mg/l/4h

## **12. Ecological information**

No specific data are available for this product. Use this product according to good working practices. Avoid litter. Do not contaminate soil, sewers, and waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

Please take all proper measures to reduce harmful effects on aquifers.

## **13. Disposal consideration**

Consider the possibility of burning the product in a suitable incinerator.

Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

## **14. Transport information**

This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

## **15. Regulatory information**

Warning symbols: None

Hazard sentences: none

Safety data sheet available upon request for professional users.

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

## **16. Other information**

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

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments;
2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
3. Directive 91/155/EEC 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.