

# DATASHEET SEPIOLITE 30/15 Ref. 700

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form	: Substance
Trade name	: Sepiolite
Chemical name	: Sepiolite
EC no	: 264-465-3
CAS No	: 63800-37-3
Synonyms	: Sepisorb® S, SuperSepisorb® S, Sepisorb® Plus, Sepisorb® Ultra, Sepisorb® Micron, Rheoplus® Sep, Sepifeed® S, Sepicat® Natural, Lovely Cat® Classic

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Use of the substance/mixture	: Absorbent Cat litter and pet litter, industrial absorbents, waste treatment, chemical carrier, humidity control, household and animal feed Rheological Additive No data available of applications advised against
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#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

INDUSTRIAL R. FERRER S.L.  
Pol. Ind. Correntilla, 99  
12130 – Sant Joan de Moró  
SPAIN  
Telf. +34 964 32 84 08  
Fax. +34 964 32 82 57

### 1.4. Emergency telephone number

Emergency number	: +34 964 32 84 08 Office hours
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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

### 2.3. Other hazards

Other hazards not contributing to the classification : The International Agency for Research on Cancer classifies respirable crystalline silica (RCS) in the form of quartz or cristobalite in the workplace as a human carcinogen. Group 1 (IARC). RCS content is less than 1% w / w. Overexposure to crystalline silica dust can cause silicosis.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Comments	: The International Agency for Research on Cancer classifies respirable crystalline silica (RCS) in the form of quartz or cristobalite in the workplace as a human carcinogen. Group 1 (IARC). RCS content is less than 1% w / w
Chemical name	: Sepiolite

# Sepiolite

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

CAS No : 63800-37-3  
EC no : 264-465-3

Name	Product identifier	%
Sepiolite	(CAS No) 63800-37-3 (EC no) 264-465-3	100
Quartz (SiO <sub>2</sub> )	(CAS No) 14808-60-7 (EC no) 238-878-4	<5

Full text of H-statements: see section 16

### 3.2. Mixture

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.  
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.  
First-aid measures after ingestion : Rinse mouth. Give water to drink if victim completely conscious/alert.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3. Indication of any immediate medical attention and special treatment needed

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : None.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Minimize generation of dust.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust.

### 6.4. Reference to other sections

See Heading 8. Exposure controls/personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area to prevent formation of dust. Handle carefully.  
Hygiene measures : Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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according to Regulation (EC) No. 1907/2006 (REACH)

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry protected location to prevent any moisture contact. Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.

### 7.3. Specific end use(s)

See section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Quartz (SiO<sub>2</sub>) (14808-60-7)

EU	(Respirable Fraction) TMW (mg/m <sup>3</sup> ) (AT): 0.15 LTEL (mg/m <sup>3</sup> ) (BE): 0.1 LTEL (mg/m <sup>3</sup> ) (BG): 0.07 VLE (mg/m <sup>3</sup> ) (CZ): 0.1 TLV TWA (CY): 10k/Q2 GRA (mg/m <sup>3</sup> ) (DK): 0.1 LTEL (mg/m <sup>3</sup> ) (EE): 0.1 TLV TWA (mg/m <sup>3</sup> ) (GR): 0.1 VLA-ED (mg/m <sup>3</sup> ) (ES): 0.05 HTP 8h (mg/m <sup>3</sup> ) (FI): 0.05 VLE (mg/m <sup>3</sup> ) (FR): 0.1 LTEL (mg/m <sup>3</sup> ) (GB): 0.1 TLV TWA (mg/m <sup>3</sup> ) (HU): 0.15 IPRV (mg/m <sup>3</sup> ) (LT): 0.1 TLV TWA (mg/m <sup>3</sup> ) (LU): 0.15 GV (mg/m <sup>3</sup> ) (NO): 0.1 LTEL (mg/m <sup>3</sup> ) (IE): 0.05 VLS 8h (mg/m <sup>3</sup> ) (IT): 0.025 TGG 8h (mg/m <sup>3</sup> ) (NL): 0.075 TWA 8h (mg/m <sup>3</sup> ) (PL): 0.3 TLV TWA (mg/m <sup>3</sup> ) (RO): 0.1 TLV TWA (mg/m <sup>3</sup> ) (PT): 0.025 LLV (mg/m <sup>3</sup> ) (SE): 0.1 NPEL krátkodobý (mg/m <sup>3</sup> ) (SK): 0.1 TLV TWA (mg/m <sup>3</sup> ) (SI): 0.15
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### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or safety glasses

Respiratory protection : Where excessive dust may result, wear dust respirator



Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Powder or granular.

Colour : Grey.

Odour : Odourless.

Odour threshold : No data available

pH : 8,5 (7,5 - 9,5) In aqueous solution is a : 10%

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : 1550 °C

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Not flammable

Vapour Pressure 20°C : No data available

Vapour density : No data available

Relative density : No data available

Density : 2,1 g/cm<sup>3</sup>

Solubility : Insoluble in water. Insoluble in oils/fats.

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

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according to Regulation (EC) No. 1907/2006 (REACH)

### 9.2. Other information

Bulk density : 0,5 - 0,8 g/cm<sup>3</sup>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Inert.

### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

None.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified ((OECD 436 method). (OECD 404). OECD 420)

Skin corrosion/irritation : Not classified ((OECD 405 method))  
pH: 8,5 (7,5 - 9,5) In aqueous solution is a : 10%

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified ((OECD 404))  
pH: 8,5 (7,5 - 9,5) In aqueous solution is a : 10%

Additional information : Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified ((OECD 471 method). OECD 474)  
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified (IARC: 3)

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified

Additional information : Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure) : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Other information : The International Agency for Research on Cancer classifies respirable crystalline silica (RCS) in the form of quartz or cristobalite in the workplace as a human carcinogen. Group 1 (IARC). RCS content is less than 1% w / w.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Natural product of mineral origin.

### 12.2. Persistence and degradability

#### Sepiolite (63800-37-3)

Persistence and degradability	Not relevant for inorganic substances.
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according to Regulation (EC) No. 1907/2006 (REACH)

### 12.3. Bioaccumulative potential

#### Sepiolite (63800-37-3)

Bioaccumulative potential	Not relevant for inorganic substances.
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### 12.4. Mobility in soil

#### Sepiolite (63800-37-3)

Mobility in soil	Negligible.
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### 12.5. Results of PBT and vPvB assessment

#### Sepiolite (63800-37-3)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Recover and reclaim or recycle, if practical. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

No data available

#### - Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Sepiolite is not on the REACH Candidate List

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## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Sepiolite is not on the REACH Annex XIV List

### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

Exempted from REACH registration

## SECTION 16: Other information

Abbreviations and acronyms:

vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*