



## SAFETY DATA SHEET

### EMULSIBER EMULSIONS

#### 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

##### Product identifier.

Product Name: EMULSIBER

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

Company: **IBERCERAS SPECIALTIES S.L.U.**  
Address: Julián Camarillo nº 4 Edf. 37/C 3ª Planta  
City: Madrid  
Province: 28037 Madrid  
Telephone: (+34) 91 375 62 00  
Fax: (+34) 91 304 21 27  
E-mail: ceras@iberceras.es

**Emergency telephone number:** (+34) 91 375 62 00 office (Only available during office hours)

#### 2. HAZARDS IDENTIFICATION.

The preparation is not classified as hazardous according to the Directive 1999/45/EC.

#### 3. COMPOSITION/INFORMATION ABOUT THE COMPONENTS.

Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC:

Not applicable

#### 4. FIRST AID MEASURES.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

##### Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

##### Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

##### Skin contact.

Remove contaminated clothing. Wash skin with water and soap. **NEVER** use solvents or thinners.

##### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.



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#### 5. FIREFIGHTING MEASURES.

**Recommended extinguishing methods.**

Watery liquid, no particular hazard in case of fire.

Possible increase of the pressure of the recipients tightly closed due to the heat. Cool with water spray the recipients exposed to heat.

Suitable extinguishing media (of the solid ones): water spray, foam, CO<sub>2</sub>, sand.

**Special risks.**

As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

**Fire protection equipment.**

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks and boots.

**Other recommendations.**

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

#### 6. ACCIDENTAL RELEASE MEASURES.

**Individual precautions.**

Do not smoke. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

**Cleaning methods.**

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned. For later elimination of waste, follow the recommendations under section 13.

**Environmental protection precautions.**

Prevent the contamination of drains, surface or subterranean waters, and the ground. In case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation.

#### 7. HANDLING AND STORAGE.

##### 7.1 Handling.

Keep the container tightly closed and isolated from heat sources, sparks, and fire.

Prevent the preparation from contacting the skin or eyes. Avoid the inhalation of fumes and mists that form when spraying.

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in the original container.



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#### 7.2 Storage.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

#### 8.1 Exposure limits.

Work exposure limit for:

Name	VLA-ED *		VLA-EC *	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

\* According to the list of Limit Environmental Professional Exposure Values adopted by the National Institute for Safety and Hygiene at Work for the year 2007.

#### 8.2 Exposure controls.

Measures of a technical nature: provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Breathing protection: when workers are subjected at pulverization works: supplied air respiratory equipment. Other operations: in a well ventilated area, supplied air respiratory equipment may be replaced by a mask consisting of a combination of an active carbon filter and a particle filter

Hand protection: for prolonged or repeated contact, use vinyl polychloride or nitrile rubber glove types. Protective creams can help to protect exposed areas of the skin. These creams must **NEVER** be applied once exposure has occurred.

Eye protection: use protective goggles especially designed to protect against liquid splatters. Install emergency eyewashes near the use area.

Skin protection: personnel must wear clothing made of natural or synthetic fibres. All body parts that have been in contact with the preparation must be washed.



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#### 9. PHYSICAL AND CHEMICAL PROPERTIES.

##### 9.1 General information.

Aspect: white liquid  
Smell: characteristic

##### 9.2 Important health, safety and environmental information.

pH: 4.0/12.0  
Boiling Point: 100 °C  
Flash point: not applicable  
Inflammability (solid, gas): not applicable  
Explosive properties: not applicable  
Combustive properties: not applicable  
Vapour pressure: not available  
Relative density: 0.94/0.99 g/cm<sup>3</sup>  
Solubility  
    Hydrosolubility: total  
    Liposolubility: no  
Distribution coefficient (n-octanol/water): not available  
Viscosity: not available  
Vapour density: not available  
Evaporation velocity: not available

#### 10. STABILITY AND REACTIVITY.

Stable under the recommended handling and storage conditions (see section 7).  
In case of fire or the solids ones of the emulsion, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.  
Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

#### 11. TOXICOLOGICAL INFORMATION.

There are no tested data available on the product.  
Repeated or prolonged contact with the preparation can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the preparation through the skin.  
Splatters in the eyes can cause irritation and reversible damage.

#### 12. ECOLOGICAL INFORMATION.

There are no tested data available on the preparation. The product must not be allowed to go into sewers or waterways.  
Prevent penetration into the ground.



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#### 13. DISPOSAL CONSIDERATIONS.

Dumping into sewers or waterways is prohibited. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

#### 14. TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

#### 15. REGULATORY INFORMATION.

The information given in this Safety Data Sheet has been drafted in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

#### 16. OTHER INFORMATION.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation.

**This Safety Data Sheet is generic, strictly informative. It has no date or revision number.**

**If you are interested in a Safety Data Sheet of a particular product, you may request it to our Technical Department.**