

### 01. PRODUCT AND COMPANY IDENTIFICATION

<b>Trade name</b> .....	: <b>OLIVEM 800</b>
<b>Applications</b> .....	: non ionic emulsifying system derived from olive oil for O/W creams and lotions
<b>INCI Name</b> .....	: CETEARETH-6 OLIVATE
<b>Chemical Composition</b> .....	: Ester of olive oil glycerides and pre-ethoxylated cetearyl alcohol
<b>CAS Number</b> .....	: 226708-41-4
<b>Legislative Approval</b> .....	: world-wide
<b>Company</b> .....	: B & T Srl - Via O. da Tresseno, 9 - 20127 MILANO - Italy Tel. 0039.02.26142044 - Fax 0039.02.26142060

### 02. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Composition</b> .....	: product is not obliged to carry any label, according to regulation 67/548/CEE, governing hazardous substances.
<b>Symbols</b> .....	: not required
<b>R Phrases</b> .....	: not required

### 03. HAZARD IDENTIFICATION

<b>Hazards</b> .....	: no hazard in normal use
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### 04. FIRST AID MEASURES

<b>Skin contact</b> .....	: rinse with running water and soap; remove contaminated clothes.
<b>Eye contact</b> .....	: irrigate eye with clean water for 15 minutes; seek medical attention if necessary.
<b>Ingestion</b> .....	: do not induce vomiting; if gastric symptoms persists, seek medical attention.
<b>Inhalation</b> .....	: no particular effect

### 05. FIRE FIGHTING MEASURES

<b>Suitable</b> .....	: water, CO2, foam,
<b>Not suitable</b> .....	: none
<b>Combustion hazards</b> .....	: if product is involved in a fire, toxic smokes might develop
<b>Special fire fighting procedures</b> .....	: dispense extinguishing agent at base of flame

### 06. ACCIDENTAL RELEASE MEASURES

- Personal precautions.....** : wear protective equipment suitable to emergency  
**Environmental precautions..** : contain leaks. If product has flowed into the ground, advise local authority.  
**Method of clean up.....** : scoop up and then clean floor with soap and water

### 07. HANDLING AND STORAGE

- Handling.....** : good factory practise  
**Storage.....** : store product into original containers or in plastic, plastic or stainless containers, at a temperature between 5 and 35°C.  
**Stocking areas.....** : good factory practise

### 08. EXPOSURE CONTROL / PERSONAL PROTECTION

- Special cautions.....** : none  
**Respiratory protection.....** : not required  
**Hand protection.....** : not required  
**Eye protection.....** : not required  
**Skin and body protection....** : use protective suitable clothes  
**Limit of exposure.....** : none

### 09. PHYSICAL AND CHEMICAL PROPERTIES

- Form@ 20°C.....** : flakes, waxy solid  
**Color .....** : white  
**Odor.....** : slight, characteristic  
**Active Substance%.....** : 99.0 min  
**Water % .....** : 1.0 max  
**Acid Value.....** : 30 max  
**Melting point.....** : 45 - 55°C  
**Iodine Value.....** : 3.0 max  
**Saponification Value.....** : 120 - 140  
**HLB.....** : 12.0  
**Additives and preservatives** : none

### 10. STABILITY AND REACTIVITY

- Conditions to avoid**..... : product is stable at normal conditions  
**Materials to avoid**..... : none  
**Hazardous decomposition products**..... : product does not degrade in normal conditions

### 11. TOXICOLOGICAL INFORMATION

- Oral acute toxicity**..... : data taken from literature about analogue products indicate a very low toxicity for this group of substances: DL50 > 4 g/Kg. PRODUCT HAS NOT BEEN TESTED ON ANIMALS  
**Others**..... : results on tests leaded in vitro and on human volunteers with Patch test allow to define product as *not toxic* and *not irritant*.

### 12. ECOLOGICAL INFORMATION

- Biodegradability**..... : > 90%  
**Cautions**..... : use product according to good working practice.

### 13. DISPOSAL CONSIDERATION

- Method of disposal**..... : recover the product if possible. Operate according to local regulations.

### 14. TRANSPORT INFORMATION

- Transport**..... : not hazardous

### 15. REGULATORY INFORMATION

- Regulation**..... : law 67/548/CEE and DM 4.04.1997 (classification and labelling of hazardous substances).  
**Symbols**..... : not required  
**R phrases**..... : not required  
**S phrases**..... : not required

This bulletin has been written according to the following regulations:  
Law 163/83 (Surfactants Biodegradability)  
DPR 250/89 (Surfactants Labelling)

### 16. OTHER INFORMATION

Bibliography:

NIOSH - Registry of toxic effects of chemical substances (1983)

N.I. Sax - Dangerous properties of industrial materials - VNR

CESIO - Classification and Labelling of Surfactants (1990)

DM - 16<sup>th</sup> February 1993 (Hazardous Substances Classification)

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