



VVF Limited

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## MATERIAL SAFETY DATA SHEET

### 1 Identification of the substance / preparation and company

#### 1.1 Identification of the substance or preparation

Commercial product Name OLEIC-15OLEIC-50,OLEIC-20, OLEIC-K 1.2

#### Company undertaking identification

Manufacturer / distributor : VVF Limited  
Street / POB No. : 6781  
State / Postal Code / City : India, Mumbai -400 022  
Telephone : 91-22-24073221-3 / 24093882  
Fax : 91-22-24091554

### 2 Composition / information on ingredients

2.1 Chemical characterization ( substance ) Chemical Characteristics : Fatty Acid CAS NO. :  
[112 -86 -7] Formula :  $C_{22}H_{42}O_2 \cdot CH_3(CH_2)-CH=CH(CH_2)_{11}COOH$

### 3 Hazardous information

3.1 HMS HAZARD CLASSIFICATION HEALTH = 0 , FLAMABILITY = 0 , REACTIVITY = 0

U.S.HAZARD LABELLING : NOT LISTED

EUROPEAN R PHRASES : 36,37,38

EUROPEAN S PHRASES : 24,25,26 AVOID CONTACT WITH EYES & SKIN

### 4 First Aid measures

Inhalation : Take affected person into open air and allow him to rest

Skin Contact : Remove contaminated clothing & wash exposed area with plenty of water. Then wash again with soap & water.

Swallowing : Drink milk, perform gastric lavage and seek medical attention

Eye Contact : Remove contact lenses, if any, rinse eyes with water until irritation subsides, seek medical attention

*Notes of physician* : There is no antidote. Use supportive care

### 5 Fire Fighting Measures

Flash Point 189°C

Extinguishing media : Normal class A fire, dry chemicals, carbon dioxide, foam or water

Special fire fighting procedure : Forms slippery soap when in contact with alkali. Use of safety shoes recommended

Unusual fire and explosion hazards: N. A.

Hazardous combustion products

: Carbon, carbon dioxide, carbon monoxide

## 6 Accident release measures

Steps to be taken if material is: Rinse area with water and detergent.

|                       |                                                                              |
|-----------------------|------------------------------------------------------------------------------|
| released or spilled   | Disposal of in accordance with local state regulation.                       |
| Waste disposal method | : Stored waste / recovered material used for recycling along with crude oils |

## 7 Handling and Storage

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Precautions to be taken in storage  | : Avoid contact with eyes and skin                  |
| Precautions to be taken in handling | : Use full protective gear as mentioned in point 8. |

## 8 Exposure controls / Personal protection

8.1 Ventilation / Engineering controls:: Use adequate ventilation to keep airborne concentration low. Avoid inhalation of vapour

Local exhaust : N. A.

Mechanical (general ) : N.A.

Special : N.A.

Others : N.A.

8.2 Respiratory Protection : Use air respirator

8.3 Skin Protection : Use rubber gloves

8.4 Eye protection : Use goggles

8.5 Other protective equipment : Use safety shoes

## 9 Physical & chemical properties

Specific Gravity : 0.86 @ 55 Deg. C Gas Density : N. A. Vapour pressure : N. A. Solubility in water : Insoluble Percent volatiles by volume : N. A. Evaporation rate : N. A. pH : 6.0 Sublimation Point : N. A. Appearance, Odour & State : Pale yellow with characteristic fatty odour

## 10 Stability & reactivity

Stability : Product stable under prescribed storage conditions

Hazardous Decomposition product: Acrid smoke and irritating fumes when heated above its boiling point.

Hazardous polymerization : ~~May occur~~ / Will not occur

Conditions to avoid : Avoid direct fire, strong oxidants / alkalies

## 11 Toxicological information

Toxicity Data :

Carcinogenicity : Not reported

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**12 Ecological information** : The product should not get mixed with water without treatment, due to insolubility in water needs to be eliminated by separator.

## 13 Disposal consideration

Waste disposal method : Stored waste / recovered material used for recycling along with crude oils

## 14 Transport information

DOT / IMO shipping name : OLEIC-15,OLEIC-K,OLEIC-50,C18-C20  
Hazard class : Non Hazardous  
Identification number : N. A.  
Product Number : N. A.  
Shipping label(s) : OLEIC-K,OLEIC-15,OLEIC -50,C18-C20  
Placard (when required ) : OLEIC-K,OLEIC-15,OLEIC -50,C18-C20  
Special shipping information : N. A.

## 15 Regulatory information

According to available data, the product is not regulated. However, one should observe prescribed federal, state and local measures while dealing with chemicals.

Hazard identification : Irritant

## 16 Other information

Be sure to read and understand all labels and instructions supplied with all containers of this product

Additional safety and health hazard

: N.A. Other protective equipment : N.A. Other hazardous conditions of : N.A. handling, storage and use

## Disclaimer

*This Material Safety Data Sheet does not constitute any warranty or guarantee as to quality, properties, conditions or otherwise of the product. It has been prepared from the latest knowledge available to us and shall not be liable for any insufficiency of inaccuracy in such information in any case whatsoever.*

