



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 : ERUCIC-90, ERUCIC-45 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 : $C_{22}H_{42}O_2$

3 Hazardous information

3.1 Effect on a single (acute) overexposure : Inhalation : Take affected person into the 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 ravage and seek medical attention

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

3.2 Effects of repeated (chronic) overexposure :

Other effects of overexposure : No harmful effects expected

Medical conditions aggravated : No harmful effected expected by overexposure

3.3 Significant laboratory data with possible relevance to human health Hazard Evaluation
: Combustible

Carcinogenicity : None reported

4First 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 ravage 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

:

5Fire Fighting Measures

Flash Point (test method) : Autoignition Temperature N.A.

Flammable Limits in Air, % by volume L:

Extinguishing media : LOWER UPPER Flammable and combustible in contact with heat & fire. 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

Unusal fire and explosion hazards: N. A.

Hazardous combustion products: Carbon, carbon dioxide, carbon monoxide

6Accident release measures

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

7Handling and Storage

Precautions to be taken in : Avoid contact with eyes and skin storage

Precautions to be taken in : Use full protective gear as mentioned in handling point 8.

8Exposure controls / Personal protection

8.1Ventilation / 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

Molecular weight : 338.56 Specific Gravity : 0.847 GMS/CC @ 70 Deg. CGas Density : N.

A. Liquid Density : 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

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 : ERUCIC ACID Hazard class : Non Hazardous Identification number : N. A. Product Number : N. A. Special shipping information : N. A.

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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.