



TGV SRAAC LIMITED

GONDIPARLA, KURNOOL - 518004

TGV SRAAC/MSDS/28
Rev. /Date: 01/03.07.2025



MSDS – RICINOLEIC ACID

1. Company Identification:

TGV SRAAC LIMITED

(Formerly M/s Sree Rayalaseema Alkalies & Allied Chemicals Ltd.),

Gondiparla, Kurnool.

Phone : 08518 280006, 7, 8

Toll Free No. : 1800111735

2. Product Identification

Trade name : Ricinoleic Acid

Molecular Formula :

$\text{CH}_3(\text{CH}_2)_5\text{CH}(\text{OH})\text{CH}_2\text{CH}=\text{CH}(\text{CH}_2)_7\text{COOH}$

Molecular weight : 298.46

CAS No. : 141-22-0

EC No. : 205-470-2

3. Hazards Identification :

Ricinoleic Acid is not a hazardous material nor does it contain any hazardous ingredients.

4. First Aid Measures :

EYES : Rinse with plenty of water.

SKIN : Wash with plenty of water and soap.

INGESTION : Rinse the mouth.

INHALATION : Remove to fresh air immediately.

5. Fire Fighting Measures :

EXTINGUISHING MEDIA : Foam, carbon dioxide, water, dry chemical powder

UNSUITABLE MEDIA: No restrictions. In case of fire, carbon monoxide and carbon dioxide can be formed

PROTECTIVE EQUIPMENT: Standard fireman's body protection and self-contained breathing apparatus is recommended.

6. Accidental Release Measures

PERSONAL PRECAUTIONS : Wear suitable respiratory protection.

ENVIRONMENTAL PRECAUTIONS: None.

METHODS FOR CLEAN UP: Sweep dry and flush with water and soap.

7. Handling and Storage :

HANDLING : Avoid spills and keep away from sources of ignition.

STORAGE : Keep containers closed and in dry shaded area, away from heat.

8. Exposure Controls/Personnel Protection:

ENGINEERING MEASURES : No special measures required.

CONTROL PARAMETERS : None.

PERSONAL PROTECTION :

RESPIRATORY : None.

HAND : Hand savers.

EYES : Protective glasses.

SKIN : Chemical resistant gloves.

9. Physical and chemical properties

APPEARANCE AND ODOR: Yellowish, viscous liquid

ODOR : Natural, non-offending

TASTE : Not Applicable

pH : Not applicable

BOILING POINT @ 10mm Hg, °C: >245

MELTING POINT, °C : ~5.5

FLASH POINT, °C : > 190

FLAMMABILITY : None

AUTO FLAMMABILITY : None

EXPLOSIVE PROPERTIES : None

OXIDIZING PROPERTIES : None

VAPOR PRESSURE : Not applicable

RELATIVE DENSITY : About 0.94 @ 25°C

SPECIFIC GRAVITY : 0.94

SOLUBILITY:

WATER : Insoluble

OIL : Soluble in alcohol,

acetone, ether, chloroform at room temperature

10. Stability and reactivity

CONDITIONS TO AVOID : Keep away from oxidizing materials and sources of heat.

REACTIVITY : May react violently with oxidizers

MATERIALS TO AVOID : Alkalies.

HAZARDOUS DECOMPOSITION : None if handled and stored according to prescription.

11. Toxicological Information :

Expected LD50 oral rat >5000 mg/kg based on data taken from similar product.

12. Ecological Information :

MOBILITY : Not determined.

DEGRADABILITY: Readily biodegradable

ACCUMULATION: Minimum biodegradability is 60%

BSB30/CSB resp. 70% DOC.

13. Disposal Consideration:

Take up spills with sand and/or flush spill area with Detergent /soap and water. Then dispose according to the local regulations.

14. Transport Information:

Not classified as hazardous.

15. Regulatory Information:

Local Regulatory bodies:

APPCB, KURNOOL

Dy. Chief Inspector of Factories,
Kurnool.

16. Disclaimer:

Information containing in this MSDS is believe to be reliable. But no guarantee is made as to its accuracy, suitability for a particular application or results to be obtained from them.

Contact Person :

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