



TGV SRAAC LIMITED

GONDIPARLA. KURNOOL - 518004

TGV SRAAC/MSDS/24
Rev. /Date: 01/03.07.2025



MSDS – 12 HYDROXY STEARIC ACID

1. Company Identification:

M/s TGV SRAAC LIMITED,
(Formerly Sree Rayalaseema Alkalies & Allied Chemicals Ltd.), Gondiparla, Kurnool.
Phone : 08518 280006, 7, 8
Toll Free No. : 1800111735

2. Product Identification:

Chemical Name : 12HYDROXY STEARIC ACID
Composition Fatty Acid : Min 85.0% is 12-Hydroxy stearic acid by GLC
CAS No. : 106-14-9
Chemical Name Fatty Acid: Concentration
Hydrogenated Fatty Acids Having -OH group at the Secondary position.

R-phrases

3. Hazards Identification :

12HSA is not a hazardous material nor does it contain any hazardous ingredients.

Classification: Classification (GHS-US): Not classified

Unknown Acute Toxicity (GHS-US): No data available

GHS-US Labeling : No labeling applicable

4. First Aid Measures :

In case of ingestion, rinse the mouth. In case of inhalation remove to fresh air immediately. In case of skin contact wash with plenty of water & soap. In case of eye contact rinse with plenty of water.

5. Fire Fighting Measures :

Extinguishing Media: Foam, Carbon dioxide, Water, Dry Chemical Powder

Unsuitable Extinguishing Media: No restrictions, In case of fire, carbon monoxide & carbon dioxide can be formed.

Special 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 Cleaning Up : Sweep dry and flush with water. If melt is spilled, allow it to solidify.

7. Handling and Storage :

Handling: Avoid dust formation and away from sources of ignition.

Storage: Keep containers close and in dry shaded godown, away from heat.

8. Exposure Controls /Personnel Protection:

Engineering measures: No special measures required
Control Parameters: limit values of inert dust : max 6mg/m³ : biological standards

Personal Protection: Usual, as taken for handling chemicals.

Respiratory Equipment: Dust mask

Hand Protection :_Hand Savers

Eye Protection: Protective Glasses

Skin Protection: None

9. Physical and chemical properties:

Appearance : Creamy to white flakes or powder

Odour : Natural, Non offending

PH: Not Applicable

Boiling point / Boiling range: Above 300°C

Melting point/ Melting range: 72-77°C

Flash point: 210°C

Flammability(solid, gas): None

Autoflammability: None

Explosive properties: Dust Explodable

Oxidising properties: None

Vapour Pressure: Not Applicable

Relative Density: About 0.95 at 25°C

Solubility – Water solubility: Insoluble

- Fat solubility

Partition coefficient n-octanol/water : Not Applicable

Other data: indicate important safety parameters, such as vapour density, miscibility, evaporation rate, conductivity, viscosity, etc

10. Stability and reactivity:

Conditions to avoid: Temp. more than 72°C

Materials to avoid : Alkalies

Hazardous decomposition products: None if handled & stored according to prescription

11. Toxicological Information:

Expected LD50 orl-rate > 5000 mg/kg based on data taken from similar product

12. Ecological Information :

Mobility :Not Determined

Degradability : Readily biodegradable

Short & long term effects on : Acute fish toxicity LCO > 100 mg/L

Ecotoxicity : Bacteria toxicity ECO > 100 mg/L

Other adverse effects : None

13. Disposal Consideration:

Can be land filled together with household refuse, in accordance with the regulations.

14. Transport Information:

Not classified as hazardous

15. Regulatory Information:

Acc. to EEC Council Directive, it is not a dangerous substance, but suitable precautions of handling chemicals should be taken.

Local Regulatory bodies:

APPCB, Kurnool.

Dy. Chief Inspector of Factories, Kurnool

16. Other Information:

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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