



TGV SRAAC LIMITED

GONDIPARLA, KURNOOL - 518004

TGV SRAAC/MSDS/29
Rev. /Date: 01/03.07.2025



MSDS – REFINED CASTOR OIL

1. Company Identification:

M/s 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

Chemical Name : Castor oil
CAS# : 8001-79-4
TSCA : TSCA 8(b) inventory: Castor oil
CI# : Not available.
Chemical Name : Castor Oil
Chemical Formula: Not available.

3. Hazards Identification :

Potential Acute Health Effects : Slightly hazardous in case of skin contact (irritant), of eye Contact (irritant), of ingestion, of inhalation.
Potential Chronic Health Effects: CARCINOGENIC EFFECTS : Not available.
MUTAGENIC EFFECTS : Not available.
TERATOGENIC EFFECTS : Not available.
DEVELOPMENTAL TOXICITY: Not available.
Repeated or prolonged exposure is not known to aggravate medical condition.

4. First Aid Measures :

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15minutes. Get medical attention if irritation occurs.
Skin Contact: Wash with soap and water.
Get medical attention if irritation develops Cover the irritated skin with an emollient.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available

5. Fire Fighting Measures :

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 449°C (840.2°F)

Flash Points: OPEN CUP: 230°C (446°F).

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various

Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

6. Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage :

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray.

Storage:

Keep container tightly closed. Keep container in a cool, Well-ventilated area. Do not store above 24°C (75.2°F). Prevent from freezing.

8. Exposure Controls/Personnel

Protection:

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

9. Physical and chemical properties

Physical state and appearance: Liquid.

Odor : Characteristic. (Slight.)
Taste : Acrid. Nauseating. (Slight.)
Molecular Weight : Not available.
Color : Not available.
pH (1% soln/water) : Not applicable.
Boiling Point : 313°C (595.4°F)
Melting Point : Not available.
Critical Temperature : Not available.
Specific Gravity : 0.962 @ 15 C (Water = 1)
Vapor Pressure : Not available.
Vapor Density : Not available.
Volatility : Not available.
Odor Threshold : Not available.
Water/Oil Dist. Coeff. : Not available.
Ionicity (in Water) : Not available.
Dispersion Properties : See solubility in water, methanol, diethyl ether.
Solubility : Soluble in methanol, diethyl ether, chloroform, glacial acetic acid, benzene, carbon disulfide. Insoluble in cold water.

10. Stability and reactivity:

Stability : The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Not available.

Corrosivity : Non-corrosive in presence of glass.

Special Remarks on Reactivity:

Has excellent keeping qualities. Does not turn rancid unless subjected to excessive heat. Should be protected from freezing.

Special Remarks on Corrosivity: Not available.

Polymerization : Will not occur.



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11. Toxicological Information :

Routes of Entry : Absorbed through skin. Eye contact.

Toxicity to Animals:

LD50 : Not available.

LC50 : Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin : May cause skin irritation.

Eyes : May cause eye irritation.

Ingestion : May cause digestive tract irritation. It is considered a purgative and stimulates smooth muscle of the digestive tract.

Inhalation: Mist may cause respiratory tract irritation.

12. Ecological Information :

Ecotoxicity : Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation:

Not available.

Special Remarks on the Products of Bio

Degradation : Not available.

13. Disposal Consideration

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information

DOT Classification : Not a DOT controlled material (United States).

Identification : Not applicable.

Special Provisions for Transport : Not applicable.

15. Regulatory Information:

Federal and State Regulations: TSCA 8(b) inventory: Castor oil

Other Regulations: EINECS : This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications : DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.):

Health Hazard : 1

Fire Hazard : 1

Reactivity : 0

Personal Protection: a

National Fire Protection Association (U.S.A.):

Health : 0

Flammability : 1

Reactivity : 0

Specific hazard:

Protective Equipment:

Not applicable. Lab coat. Not applicable. Safety glasses.

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 :

Mr. C. Srinivasa Babu, E.D (Tech.)

Mr. E. Ramaiah, Director (Mech.)

Phone : 08518 280006,07,08