



Maintain purity for best quality

Material Safety Data Sheet (M SDS) According 91/155/ECC

Product: Castor Oil First Special Grade

4. FIRE FIGHTING

- | | |
|--------------------|---|
| 4. 1 Extinguisher: | Carbon dioxide, dry powder or foam conventional fire fighting equipment |
| 4. 2 Water: | Water may cool but not extinguish fire |
| 4. 3 Decomposed: | Emits smoke, fumes, CO ₂ and CO; keep upwind |
| 4. 4 Hazards: | Not a primary hazard |

5. ACCIDENTAL RELEASE

Stop engine, mark the road and warn other road users.
Keep public away while cleaning up

6. STORAGE

Store in cool, dry place

7. PERSONAL PROTECTION

- | | |
|------------|--|
| 7. 1 Skin: | Not expected to be a health hazard from skin exposure.
May cause mild irritation and redness. |
| 7. 2 Eyes: | No adverse effects expected. May cause mild irritation, possible reddening. |

8. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|-----------------------------|--------------------------|
| 8. 1 State: | Viscous liquid |
| 8. 2 Odour: | Mild fatty |
| 8. 3 pH | n/a |
| 8. 4 Boiling Pt. C: | n/a |
| 8. 5 Melting Pt. C: | minus 10 |
| 8. 6 Flash Pt. C: | 230 |
| 8. 7 Flammability: | Combustible |
| 8. 8 Vapour pressure: | n/a |
| 8. 9 Auto flammability: | 449 Deg C |
| 8. 10 Explosive properties: | n/a |
| 8. 11 Oxidising properties: | n/a |
| 8. 12 Density at 20 C: | 0.96 |
| 8. 13 Solubility in water: | Sparingly soluble |
| 8. 14 Solubility in oil: | Soluble |
| 8. 15 Exposure: | n/a |
| 8. 16 Viscosity: | 6 to 8 poise at 25 Deg C |



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9. STABILITY Stable, does not discolour under normal conditions

10. TOXICOLOGY
LD₅₀ > 5000 mg / Kg (Rat) oral

11. ECOLOGY Not a listed Marine Pollutant

12. DISPOSAL Sweep up carefully and transfer to another container and dispose in accordance with local regulations. Subsequently flush the area with water.

13. TRANSPORTATION

- 13. 1 UN number: No number
- 13. 2 Road: No class
- 13. 3 Sea: No class
- 13. 4 Air: No class
- 13. 5 UN packing: No class
- 13. 6 Harmonised Tariff code: 1515.30

14. REGULATIONS

BEOA CHIP guidance: No symbol

15. OTHER DATA

- 15. 1 Uses: Solvent
- 15. 2 Dosage: up to 20%
- 15. 3 References: The Merck Index 12thed, mono 1946 (1996)

(Manufacturer & Global Exporter of Castor Oil, Castor Meal & Derivatives)

Factory : Opp. Rajdhani weighbridge, Rajkot road, Dolatpara, Junagadh(362003),Gujrat,
INDIA. www.girnarindustries.com