



Safety Data Sheet (SDS) : Castor oil

Average specification 2023

EU Regulation: 2020/878

1. PRODUCT & COMPANY IDENTIFICATION	
Product Name	Castor oil, cold pressed
INCI Name	Ricinus Communis Seed oil
CAS	8001 – 79 - 4
EC	232-293-8
Product Use	Cosmetic Use
Product Form	Liquid
Company Name	TCHAOU GROUP SERVICES E PRODUCTS SARL
Address	Abomey-calavi, zetacomey, Atlantique, Bénin
Emergency Phone	+22961162806
Web	https://tchaou-group.com
2. COMPOSITION/INGREDIENT INFORMATION	
Ingredients	
Vegetable Oil Triglycerides	100 %
Hazardous Components	None
CAS #	8001 – 79 - 4

3. HAZARDS IDENTIFICATION	
Routes of Entry	
Eye Contact	Mild irritation may occur, possible reddening
Skin Contact	Non-hazardous, might cause slight irritation
Ingestion	No known hazard, large oral use may cause spasmodic intestinal or abdominal pain
Inhalation	No adverse health effects expected from inhalation



Chronic Exposure	No information
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4. FIRST AID MEASURES	
Eyes	Flush with plenty of water or eye wash solution for 15 minutes. Seek medical attention if irritation persists
Inhalation	Not available
Skin	Wash with soap and water, seek medical attention if irritation persists
Ingestion	If large amounts were swallowed, drink plenty of water and seek medical advice

5. FIRE-FIGHTING MEASURES	
Flash point	229°C , Closed cup
Auto Ignition Temperature	449°C
Flammable Limits	
LEL	Not Established
UEL	Not Established
Suitable (and unsuitable) extinguishing media	Dry Chemical, Carbon Dioxide, Water Spray, Foam
Special Firefighting procedures	Limit the spread of oil, Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires
Unusual Fire & Explosion Hazards	Keep free of ignition sources

6. ACCIDENTAL RELEASE MEASURES	
Methods for Cleaning Up	Ventilate area. Absorb onto an inert, absorbent substrate and sweep up. Do not use combustible materials, such as saw dust. Wash the area with soap and water to prevent slip/fall hazard.

7. HANDLING & STORAGE	
Precautions for safe handling	Keep away from fire and open flames. Protect from freezing



Conditions for safe storage, incl. any incompatibilities	Store in a cool, dry location, in a sealed container.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Eye	Safety glasses should be worn
Skin/Body	Gloves should be worn
Respiratory	Not needed under normal conditions of use. Use adequate ventilation of NIOSH- approved respiratory devices if heating product
Ventilation	A mechanical exhaust/ventilation or fume collection system may be used if deemed necessary according to application
Other	Evaluate need based on application. Slip proof shoes may be worn where spills may occur
Work/Hygiene Practice	Normal work and hygiene practices for handling non-hazardous liquid material

9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Liquid
Odor	Characteristic, fatty
Color	Clear, Yellow Brown
MIV	0.48%
pH	No information
Boiling Point	313°C
Melting Point	-10°C
Specific Gravity (H2O = 1)	0.95 gm/ml
Evaporation Rate	Not available
Water Reactive	No
Solubility in Water	Insoluble

10. STABILITY AND REACTIVITY	
Stability	Stable under ordinary conditions of use and storage



Incompatibility (Materials to Avoid)	Avoid flames and strong oxidizers
Hazardous Decomposition or Byproducts	Carbon dioxide and carbon monoxide may form when heated to decomposition
Conditions to Avoid	Excessive heat or freezing
Hazardous Polymerization	Will not occur
Shelf Life	5 years after production

11. TOXICOLOGICAL INFORMATION	
Signs and Symptoms of Exposure	N/A
LD50/LC50	No Toxic Effect
Medical Conditions Generally Aggravated by Exposure	None
Irritancy	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant
Carcinogenicity	No Data
Reproductive Toxicity	No Data
Teratogenicity	No Data
Mutagenicity	No Data
Name of toxicologically synergistic products	N/A

12. ECOLOGICAL INFORMATION	
Biodegradation	Expected to be ultimately biodegradable
Fish Toxicity	Not classified as dangerous for the aquatic environment
Bacterial Toxicity	No Data

13. DISPOSAL CONSIDERATIONS	
Waste Disposal Methods	Material is not considered hazardous under local regulations. Dispose in accordance with local, state, and federal regulations.
Product Containers	Use in accordance with local, state, and federal regulations.



14. TRANSPORT INFORMATION	
DOT (Dept. of Transportation, USA)	Not dangerous goods
TDG (Transportation of Dangerous Goods, Canada)	Not dangerous goods
IMDG (International Maritime Dangerous Goods)	Not dangerous goods
IATA (International Air Transport Associations):	Not dangerous goods
ICAO (International Civil Aviation Organization)	Not dangerous goods

15. ADDITIONAL INFORMATION	
Establishment date	May 30th 2023

Compliance & Disclaimer

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