



TEXTRON

Girona 34, 5º - 6º

08402 Granollers (Barcelona) España

Tel. + 34 93 860 45 00 • Fax + 34 93 870 74 62

e-mail: texttron@plimon.com • www.plimon.com

Product: TX008161	CASTOR OIL MATERIAL SAFETY DATA SHEET According to regulation 453/2010/CE	Version: 1
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1. SECTION 1: Identification of substance/mixture and company

1.1. Product identifier

Identification of substance/mixture: CASTOR OIL
CAS No.: 8001-79-4
EC Number: 232-293-8
REACH Registration Number: Exempt

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Cosmetic

Uses advised against: As they are not classified as hazardous, this product can be used in ways other than the uses identified, but all uses must be consistent with the safety guidelines listed.

1.3. Details of the supplier of the safety data sheet

Identification of the society or company: **TEXTRON, S.A.**
Address: C/ Girona nº 34, 5º - 6º
08402-GRANOLLERS
Barcelona (España)
Telephone: +34 93 8604500
Fax: +34 93 8707462
E-mail: texttron@plimon.com

1.4. Emergency telephone number +34 91 562 0420 (Instituto Nacional de Toxicología)

2. SECTION 2: Identification of hazards

2.1. Classification of the substance or mixture

Classification according to directives 67/548/EEC and 1999/45/EC

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

Classification according to Regulation (EC) 1272/2008

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

2.2. Label Elements

Labelling according to directives 67/548/EEC and 1999/45/EC

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

Labelling according to Regulation (EC) 1272/2008

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

2.3. Other hazards

No information available.

3. SECTION 3: Composition/information on ingredients

3.1. Substance/Mixture

Information on compounds:

Chemical Description: Vegetable oil extracted from *Ricinus communis*.
CAS No.: 8001-79-4
EINECS No.: 232-293-8
INCI Name: Ricinus communis seed oil
Chemical Family: Vegetable oil



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4. SECTION 4: First aids

4.1. Description of first aid measures

After inhalation: Remove from exposure area to fresh air promptly. Seek medical attention after a significant exposure.

After skin contact: After contact with skin, wash immediately with plenty of soap and water while removing soaked clothes.

After eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention.

After ingestion: No special measures recommended. If necessary, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

No information available.

5. SECTION 5: Firefighting measures

5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

5.2. Special hazards arising from the substance or mixture

Emits toxic fumes under fire conditions.

5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers.

Avoid inhalation of vapors that are created. Use appropriate respiratory protection.

Do not allow spillage of extinguish fire will be poured into drains or watercourses.

6. SECTION 6: Measures in case of accidental release

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate sources of ignition and ventilate the area. Avoid inhalation of vapors; use an appropriate respirator.

6.2. Environmental precautions

Keep spills out of municipal sewers and open bodies of water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with inert inorganic non-combustible, material, such as sand or earth, and remove it to a container for disposal according to local regulations. Clean the surface thoroughly to remove residual contamination.

Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

6.4. Reference to other sections

No information available.

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

The usual precautions for handling chemicals should be observed.

7.2. Conditions for safe storage, including possible incompatibilities

Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).

Store in hermetic recipients, preferably full, in a cool, dry, ventilated area away from sources of heat and direct sunlight.

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Keep away from the sources of ignition. Keep away from incompatible materials (see section 10).
Prevent access to unauthorized persons.

7.3. Specific end use(s)

No information available.

8. SECTION 8: Exposure controls/individual protection

8.1. Control parameters

Declaration of substances is not required.

8.2. Exposure controls

Appropriate engineering controls : No information available.

Individual protection measures, such as personal protective equipment:

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Measures should be taken to prevent materials from being splashed into the eyes or on the skin.

Wear eyeshields and protective clothing. In case of insufficient ventilation, use suitable respiratory equipment.

In the case of brief exposure, use a device filter. Avoid contact with skin. Use of chemical resistant gloves is recommended.

Rinse and remove gloves immediately after use. Wash hands with soap and water.

Environmental exposure controls : No information available.

9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance :	Oily liquid
Odour :	Characteristic
Colour	Yellow
pH :	No information available.
Melting/freezing point :	No information available.
Boiling point :	220 °C
Flash point:	>250 °C
Evaporation rate :	No information available.
Flammability (solid, gas) :	No information available
Upper flammability or explosive limits (UEL) :	No information available.
Lower flammability or explosive limits (LEL) :	No information available.
Vapor pressure at 20°C :	No information available.
Vapour density :	No information available.
Relative density:	0.954 - 0.960 g/ml
Solubility :	Not soluble in water. Soluble in alcohol and ether.
Partition coefficient (n-octanol/water): :	No information available.
Auto-ignition temperature:	No information available
Decomposition temperature :	No information available.
Viscosity:	No information available.

9.2. Additional information

No information available.



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10. SECTION 10: Stability and reactivity

10.1. Reactivity

This product is considered as stable in specified storage conditions. Unstable at high temperatures.

10.2. Chemical stability

This product is considered as stable in specified storage conditions. Unstable at high temperatures.

10.3. Possibility of hazardous reactions

At high temperatures, acrolein may be produced.

10.4. Conditions to avoid

Excessive heat, flame or other ignition sources, high temperatures and strong oxidizing agents.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

During combustion may be formed carbon monoxide and unidentified organic compounds.

11. SECTION 11: Toxicological information

11.1. Information on toxicological effects

No information available.

12. SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Degradability

Biodegradable.

12.3. Bioaccumulative potential

No information available.

12.4. Soil mobility

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

See also Sections 6, 7, 13 and 15. Do not allow to get into waste water or waterways.

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with all federal, state and local environmental regulations.

14. SECTION 14: Transport information

14.1. Land transport (ADR/RID)

No dangerous good according to transport regulations

14.2. Sea transport (IMDG)

No dangerous good according to transport regulations

14.3. Air Transport (IATA)

No dangerous good according to transport regulations



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15. SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available.

16. SECTION 16: Other information

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC.

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The user must determine suitability of this information for his application. The specifications of this safety data sheet describes the safety requirements of our product, this is not a guarantee of characteristics. They are based on current state.
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