

# MATERIAL SAFETY DATA SHEET (MSDS)

## RBD CASTOR OIL

Ricinus Communis (JARAK KEPYAR)

### MATERIAL SAFETY DATA SHEET (MSDS)

Product Name : RBD CASTOR OIL  
MSDS Number : BB00511-CSS RBD  
Version : 1.0  
MSDS Created : July 17, 2023  
Revision Date : -

### SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY

#### 1.1 Globally Harmonized System (GHS) product identifier

Trade name : RBD CASTOR OIL  
Botanical name : Ricinus Communis  
INCI Name : RBD Castor Ricinus Communis Oil  
CAS-No. : 8001 -79-4

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

Use of the substance/mixture : Non edible purpose, personal care formulations.

Recommended restrictions on use : -

#### 1.3 Supplier's details

Company name : PT. Syailendra Bumi Investama  
Company address : Jl. Dahlia Raya No. 44 RT. 002 RW. 023 Wonorejo, Gondangrejo, Karanganyar, Central Java, INDONESIA 57188  
Company contact : +6281393319338; [official@syailendraindonesia.com](mailto:official@syailendraindonesia.com)  
Website : [www.syailendraindonesia.com](http://www.syailendraindonesia.com)

#### 1.4 Emergency telephone number:

For Transport Emergencies Only : +6281393319338

### SECTION 2: HAZARD(S) IDENTIFICATION

Not classified as hazardous material

#### Health effects:

Ingestion : No known  
Eye contact : Slightly hazardous in case  
Skin : Non-hazardous, might cause slight irritation  
Inhalation of droplets may cause pneumonitis  
Inhaled ; No known

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name & Formula : Castor Oil

### SECTION 4: FIRST-AID MEASURES

Eye : Flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.  
Skin : Wash skin with soap and water. Get medical attention if irritation  
Inhaled : If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get Medical attention.  
Ingestion : If large quantities of this material are swallowed and get medical advise

### SECTION 5: FIRE-FIGHTING MEASURES

Flash Point : 230 °C ( 446 °F ), Open Cup  
Auto Ignition Temperature : 449 °C ( 840.2°F )  
Explosion Limits : Not available  
Flammability of the product : Will only burn if heated over 300°C – 350°C at low FFA levels. Fire point is lower with higher FFA. Fire risk low, but oil will burn in general fire.  
Fire /Explosion Hazard : Slight, when expose to flame or very high temperatures. In Compatible with strong oxidizing agent such as chlorine, organic peroxides.  
Fire Fighting : CO2, Water Spray, Dry Powder, Foam

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Spill and dispose of:

Absorb with an inert material, absorbent substrate and sweep up. Do not use combustible materials. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system



### SECTION 7: HANDLING AND STORAGE

- Handling : Keep away from fire and open flames. Protect from freezing  
Storage : Oil Should be stored in clean, dry, non-tainting closed vessels. Exposure to above-ambient temperature degrade quality parameters of the oil at rate dependent on time and temperature of exposure. Exposure to ultraviolet light, especially sunlight, must be minimized to prevent quality loss through oxidation

### SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

- Engineering controls : No special ventilation is required. Oil coatings on equipment, floors and clothing are slippery and may lead to physical injury due to fats. Stainless, epoxy is most resistant to breakdown caused by prolonged with vegetable oil splits  
Personal Protection : Safety glasses, full suit, gloves, boots.  
Work / Hygiene Practice : Always work safety around open hatches on bulk tanks. The low density and relatively high viscosity of liquid oils make flotation difficult for an immersed person.

### SECTION 9: PHYSICAL CHEMICAL PROPERTIES

#### Physical Description

- Appearance : Light yellow liquid, odorless, not rancid, not mixed with lard or other oils  
Odor : Odorless  
Specific Gravity : 0,961 – 0,963  
Solidifies : Min 10°C to Min 18 °C  
Refractive Index at 25°C ; 1,473 – 1.477

#### Chemical Data

- Acid value : Max. 2  
Equal to FFA as Ricinolic : Max 1%  
Saponification value : 179 - 185  
Iodine value : 82 – 88  
Hydroxyl value : >145

### SECTION 10: STABILITY AND REACTIVITY

- Chemical Stability : Stable under normal temperatures and pressures  
Conditions to Avoid : Incompatible materials, excess heat or freezing  
Incompatibilities with Other Materials : Avoid flame and strong oxidizers  
Hazardous Decomposition Products : Carbon monoxide, carbon dioxide  
Hazardous Polymerization : Has not been reported

### SECTION 11: TOXICOLOGICAL INFORMATION

- LD50/LC50 : No information available  
Carcinogenicity : No information available  
Chronic Effects on Humans : No information available  
Reproductive Effects : No information available

### SECTION 12: ECOLOGICAL INFORMATION

No information available

### SECTION 13: DISPOSAL CONSIDERATIONS

- Waste Disposal : Waste must be disposed of in accordance with local environmental control regulation.

### SECTION 14: TRANSPORT INFORMATION

- DOT Classification : Not a DOT controlled material  
Identification : Not Applicable  
Special Provisions for Transport : Not Applicable

### SECTION 15: REGULATORY INFORMATION

No information available

### SECTION 16: OTHER INFORMATION

#### Further information

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#### CONTACT POINT

SYAILENDRA GROUP – PT. Syailendra Bumi Investama

Hp: +6281393319338

E-mail: [official@syailendraindonesia.com](mailto:official@syailendraindonesia.com)

[www.syailendraindonesia.com](http://www.syailendraindonesia.com)

*Please read all labels carefully before using product.*

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