



BULKNATURALOILS.COM  
**JEDWARDS**  
INTERNATIONAL, INC.

## SAFETY DATA SHEET

### 01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:

Sal Butter

INCI NAME:

Shorea robusta

CAS NO.:

689556-68-3

EINECS NO.:

273-313-5

ITC (HS) NO.:

15159010

SUPPLIER NAME:

Jedwards International, Inc.

SUPPLIER ADDRESS:

141 Campanelli Drive  
Braintree, MA 02184 USA

TELEPHONE NUMBER:

(617)472-9300

### 02. HAZARDS IDENTIFICATION

No hazards to be expected if handled and used properly.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION (MIXTURE):

Triglyceride, Diglyceride, Monoglyceride

### 04. EMERGENCY FIRST AID MEASURES

INHALATION:

Not a direct hazard. Remove from area of exposure, seek medical attention for coughing or choking.

SKIN CONTACT:

Not dangerous under normal conditions.

EYE CONTACT:

Rinse thoroughly with a lot of water for some minutes.

INGESTION:

Not a direct hazard.

### 05. FIRE EMERGENCY MEASURES

EXTINGUISHING MEDIA:

Use CO<sub>2</sub>, dry powder or foam type extinguishers.

RECOMMENDED:

Spraying extinguishers media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES:

Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

EXTINGUISHING PROCEDURES:

### 06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Be careful. Danger of sliding possible. Avoid contact with eyes.

ENVIRONMENTAL PRECAUTIONS:

Try to avoid spilling. Do not empty into drain. Restrict spill to smallest possible area.



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**METHODS FOR CLEANING/COLLECTING:**

Remove all potential ignition sources. Cover with absorbent material (e.g. Universal binding material, paper towels, sand, siliceous earth).

**07. HANDLING & STORAGE**

**PRECAUTION IN HANDLING:**

Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene and do not eat, drink or smoke while handling. Avoid static discharges.

**STORAGE:**

Store in tightly closed original container in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum.

**FIRE PROTECTION:**

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

**TEMPERATURE:**

Refrigeration temperature (5-10°C)

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**

No special measures under normal conditions

**SKIN:**

No special measures under normal conditions

**EYE PROTECTION:**

Use safety glasses if there is a risk of splashing

**WORK/HYGIENE PRACTICES:**

Wash hands with soap & water after handling

**09. PHYSICAL & CHEMICAL PROPERTIES**

**APPEARANCE:**

Light Yellow

**FORM:**

Solid fat

**COLOR:**

Pale Yellow

**ODOR:**

Odorless

**MELTING POINT:**

27-39°C

**BOILING POINT:**

More than 300°C

**SMOKE POINT:**

>200°C

**FLASH POINT:**

>250°C

**IGNITION TEMPERATURE:**

>300°C

**AUTO FLAMMABILITY:**

None

**FIRE PROVOKING CHARACTERISTICS:**

Temperature of more than 200°C and strong air circulation

**EXPLOSIVE:**

Not explosive

**VAPOR PRESSURE:**

Less than 0.001 mm Hg

**DENSITY:**

0.90-0.93 kg/m<sup>3</sup> at 20°C

**WATER SOLUBILITY:**

Insoluble

**pH (10g/l):**

Neutral at 20°C

**VISCOSITY:**

40 to 50 mPa s at 37°C

**THERMAL DECOMPOSITION:**

At temperature more than 150°C

**EXPLOSION LIMITS:**

None

**10. STABILITY & REACTIVITY**

**REACTIVITY:**

It presents no significant reactivity hazards, by itself or with contact with water. Avoid contact with strong acids, alkali or oxidizing agents.



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DECOMPOSITION:

Avoid exposure of light and heat.

## 11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING:

PRACTICAL EXPERIENCE:

No skin irritation, no eye irritation, no sensitization.

Vegetable oils have been sold and used for thousands of years as foods and cosmetics.

GENERAL CONSIDERATIONS:

None.

## 12. ECOLOGICAL INFORMATION

BIODEGRADABILITY:

PRECAUTIONS:

Readily biodegradable.

Prevent surface contamination of oil at ground and surface water.

## 13. DISPOSAL CONSIDERATIONS

PRODUCT:

SUGGESTED PROCEDURE:

DISPOSAL CODE:

Vegetable Oil

Suitable incineration plant takes notice of national special regulations.

Suitable waste-disposal site.

## 14. TRANSPORT INFORMATION

Not applicable.

## 15. REGULATORY INFORMATION

HAZARDS:

SYMBOLS:

RISK PHRASES:

SAFETY:

Not applicable.

Not applicable.

Not applicable.

Not applicable.

## 16. OTHER INFORMATION

PACKING:

GLASS:

LACQUER LINED STEEL/TIN:

ALUMINUM:

HPPE:

HMHDPE:

OTHER PLASTIC:

Yes

Yes

Yes

Yes

Yes

Yes

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Jedwards International, Inc. believes the above information to be accurate based on the information available to Jedwards, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Jedwards meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Jedwards International, Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.