01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Palm Kernel Oil - RBD
SUPPLIER NAME: Jedwards International, Inc.
SUPPLIER ADDRESS: 141 Campanelli Drive
Braintree, MA 02184 USA
TELEPHONE NUMBER: (617) 472-9300

02. HAZARD IDENTIFICATION

According to Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures

CLASSIFICATION OF THE SUBSTANCE: No need for classification according to GHS criteria for this product
LABEL ELEMENTS: No need for classification according to GHS criteria for this product
OTHER HAZARDS: None

03. COMPOSITION/INFORMATION ON INGREDIENTS

MAIN INGREDIENT: Refined, bleached and deodorized palm kernel oil
CAS NO.: 8023-79-8
EINECS NO.: 232-425-4
HAZARDOUS CLASSIFICATION: Not classified

04. FIRST AID MEASURES

EYE CONTACT: Rinse with plenty of water
SKIN CONTACT: Wash with soap and water if necessary
INHALATION: Move to fresh air if discomfort is felt
INGESTION: Not considered dangerous. Edible quality

MOST IMPORTANT SYMPTOMS AND EFFECTS: No information available
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Not required

05. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, water
UNSUITABLE EXTINGUISHING MEDIA: None
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE: Treat as burning melted fat
ADVICE FOR FIREFIGHTERS: Keep containers cool with water spray

06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Use personal protective equipment. Locate eye washes and emergency showers in all work and storage areas. For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge into drains or water courses

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Absorb onto an inert, absorbent substrate and sweep up to an approved disposal container. Wash area with suitable detergent. Observe state, federal and local disposal regulation.

07. HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid all unnecessary exposure. Avoid spills and keep away from drains. Wash hands after use. Material can be slippery underfoot.

CONDITIONS FOR SAFE STORAGE: Store in a cool, dry and well-ventilated area, away from direct sunlight

SPECIFIC END USE(S): See section 1

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: None established

EXPOSURE CONTROLS:

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice

ENGINEERING MEASURES: Good general ventilation should be used

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear googles

SKIN PROTECTION: Wear protective gloves, safety shoes

RESPIRATORY PROTECTION: Use only with adequate ventilation

ENVIRONMENTAL EXPOSURES CONTROLS: Environmental manager must be informed of all major spillages

09. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, liquid

ODOR: No off odor

pH: Not applicable

SLIP MELTING POINT: 25-30°C

INITIAL BOILING POINT: Not applicable

FLASH POINT (°C): Above 200°C
10. STABILITY & REACTIVITY

REACTIVITY: No data available
CHEMICAL STABILITY: Stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS: None under normal processing
CONDITIONS TO AVOID: Exposure to heat and direct sunlight
INCOMPATIBLE MATERIALS: None in particular
HAZARDOUS DECOMPOSITION PRODUCTS: None

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: No data available
SKIN IRRITATION: Not irritating to the skin
SERIOUS EYE IRRITATION: Not irritating to the eye
RESPIRATORY OR SKIN SENSITISATION: No data available
GERM CELL MUTAGENICITY: No data available
CARCINOGENICITY: No data available
REPRODUCTIVE TOXICITY: No data available
STOT-SINGLE EXPOSURE: No data available
STOT-REPEATED EXPOSURE: No data available
ASPIRATION HAZARD: No data available
OTHER ACUTE/CHRONIC TOXICITY: No additional adverse health effects noted

12. ECOLOGICAL INFORMATION

TOXICITY: Not expected to be harmful to aquatic organisms
PERSISTENCE AND DEGRADABILITY: Readily biodegradable
BIACCUMULATIVE POTENTIAL: No data available
MOBILITY IN SOIL: No data available
RESULTS OF PBT AND vPvB ASSESSMENT: Not applicable
OTHER ADVERSE EFFECTS: None known
13. **DISPOSAL INFORMATION**

No specific disposal method required. Dispose in accordance with local regulation. Do not discharge into drains or water courses. The container might contain product residues.

14. **TRANSPORT INFORMATION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN NUMBER:</td>
<td></td>
</tr>
<tr>
<td>UN PROPER SHIPPING NAME:</td>
<td></td>
</tr>
<tr>
<td>TRANSPORT HAZARD CLASS(ES):</td>
<td>Not hazardous according to RID/ADR, AND, IMDG-Code, ICAO-TI/IATA-DGR</td>
</tr>
<tr>
<td>PACKING GROUP:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>ENVIRONMENTAL HAZARDS:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>SPECIAL PRECAUTIONS FOR USER:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND</td>
<td>Not regulated</td>
</tr>
<tr>
<td>THE IBC CODE:</td>
<td></td>
</tr>
</tbody>
</table>

15. **REGULATORY INFORMATION**

No data available

16. **OTHER INFORMATION**

None available

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.