

MATERIAL SAFETY DATA SHEET (MSDS)

Product RBD Palm Olein
 Date of Preparation May 27,2006

1. PRODUCT AND COMPANY DESCRIPTION

Product / Trade Name RBD Palm Olien
 Use Edible Oils for general Cooking Purpose
 Distributor Benzene International Pte Ltd
 10 Bukit Batok Crescent, #04-04, The Spire, Singapore 658079
 Tel +65 63372735, Fax +65 63372734
www.benzeneinternational.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS Number Not Applicable
 Refined , Bleached, Deodarized Palm Olein shall be the liquid fraction obtained by the process of fractionation of Refined , Bleached, Deodarized Palm Oil

3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Liquid (Pale yellow to yellow)
 Colour (51/4" Cell) 4 Red maximum
 Free Fatty Acid (Palmitic) 0.2% maximum
 Peroxide Value 10 meq/kg maximum
 Moisure & Impurities 0.15% maximum
 Iodine Value 56 minimum
 Saponification Value 194-202 milligrams pottasium hydroxide per gram
 PH not determined
 Percentage Volatiles not determined
 Evaporation rate not determined
 Vapor Density not determined
 Smoke Point 245 deg C
 Flash Point 304 deg C
 Fire Point 315 deg C
 Vapor Pressure(Kpa) not determined
 Density (relative) d20/4 0.9028g/cm3
 Solubility Souble in Oil and Oranic Solvent

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| 4. HAZARDS IDENTIFICATION | |
| Hazard Symbol | not required |
| Risk-phrases | not required |
| Environmental | When spilled, can contaminate soil, ground and surface water |
| 5. FIRST AID MEASURES | |
| Eye Exposure | Flush immediately with water for atleast 15 minutes. Contact Physician if symptoms persists |
| Skin Exposure | Remove contaminated clothes. Wash thoroughly with water (and soap) . Contact Physician if symptoms persists |
| 6. FIRE FIGHTING MEASURES | |
| Extinguishing Media | Carbon-di-oxide, dry chemical, foam. Do not use a direct water jet on burning material |
| 7. ACCIDENTAL RELEASE MEASURES | |
| Personal Precautions | Avoid contact with eyes |
| Spillage | Clean up spillage promptly. Gross spillage should be contained by use of sand or inter powder and disposed of according to the local regulations |
| Environmental Precautions | Keep away from drains,surface and ground water and soil |
| 8. HANDLING AND STORAGE | |
| Handling | Follow good manufacturing practices (GMP) for housekeeping and personal hygiene. Wash any exposed skin immediately after any oil contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned |
| Storing Conditions | Store in a Cool, dry, clean and ventilated area away from heat sources. |

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| 9. EXPOSURE CONTROLS / PERSONAL PROTECTION | |
| Eye Protection | Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur. |
| 10 STABILITY AND REACTIVITY | |
| Reactivity | Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkalis or oxidizing agents |
| Decomposition | Unidentified organic compounds may be formed during combustion. |
| 11. TOXICOLOGICAL INFORMATION | |
| Contains | None to be reported |
| 12. ECOLOGICAL INFORMATION | |
| | Not regulated for environmental hazards |
| 13. DISPOSAL CONDITIONS | |
| | Dispose of according to local regulations. Avoid disposing into drainage systems and into environment. |
| 14. TRANSPORT INFORMATION | |
| Road (ADR/RID) | not regulated |
| Air (IATA) | not regulated |
| Sea (IMDG) | not regulated |
| DOT(USA) | not regulated |
| 15. REGULATORY INFORMATION | |
| Hazard Symbol | not required |
| Risk- Phrases | not required |
| S-Phrases | not required |