

MATERIAL SAFETY DATA SHEET

PT. DUA KUDA INDONESIA
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SECTION 1 PRODUCT IDENTIFICATION

CHEMICAL NAME: Hydrogenated RBD Palm Stearine

CHEMICAL FAMILY: Triglyceride

SECTION 2 HAZARDOUS INGREDIENT & OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS NO.	%	EXPOSURE LIMITS
None	68514-74-9	100%	

SECTION 3 HEALTH HAZARD DATA

SKIN	Contact with skin not expected to cause serious irritation.
EYES	Contact with eyes not expected to cause serious irritation.
INGESTING	Food grade oil.
INHALING	No health effects reported.

SECTION 4 FIRST AID

ON SKIN	Wash with soap and warm water.
IN EYES	Immediately flush with large quantities of water for at least 15 minutes and contact a physician.
INGESTED	No health effects reported, if gastrointestinal discomfort is encountered, contact a physician.
INHALED	Remove victim to fresh air.

SECTION 5 EMPLOYEE PROTECTION

RESPIRATORY	In the presence of dusts, use of a mask and/or respirator is recommended.
VENTILATION	Local, if necessary to control dust or fumes from hot material.
EYES	Chemical splash goggles are recommended.
HANDS	Gloves

SECTION 6 PHYSICAL DATA

BOILING POINT	$\geq 100^{\circ}\text{C}$	VAPOR PRESSURE	NA
VAPOR DENSITY	Not Determined (Air = 1)	EVAPORATION RATE	NA
SPECIFIC GRAVITY	~0.9 @ 100F (Water = 1)	MELTING POINT	57 $^{\circ}\text{C}$
SOLUBILITY	Insoluble	VISCOSITY	Not Determined
APPEARANCE & ODOR		Solid at 25 $^{\circ}\text{C}$	

SECTION 7 REACTIVITY DATA

STABILITY	Stable	INCOMPATIBILITY MATERIAL TO AVOID	Strong oxidizing agents.
CONDITIONS TO AVOID	Higher than 57 $^{\circ}\text{C}$		
HAZARDOUS POLYMERIZATION	Will not occur.	HAZARDOUS DECOMPOSITION	None

SECTION 8 FIRE & EXPLOSION DATA

FLASH POINT	NA	FLAMMABLE LIMITS	No data available.	LEL UEL	NA NA
EXTINGUISHING MEDIA	Dry chemical or waterspray or waterfog, carbon dioxide, foam or sand/earth.				
SPECIAL FIRE FIGHTING PROCEDURES	None				
UNUSUAL FIRE & EXPLOSION HAZARDS	None.				

SECTION 9 HANDLING AND STORAGE

CONDITION TO AVOID	
TEMPERATURE	$\geq 57^{\circ}\text{C}$
HUMIDITY	No Effect
LIGHT EXPOSURE	No Effect
SHAKE	No Effect
CONTACT WITH OTHER ELEMENT	Strong oxidizing agents.

SECTION 10 TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION	
DOT STATUS	Not Hazardous
DOT SHIPPING NAME	None
DOT REPORTABLE QUANTITY	Not Applicable
DOT PACKING GROUP	Not Applicable

HS CODE NO. : 1516.20.9700

ICAO / IATA : Not Applicable

IMDG : Not Applicable

SECTION 11 ACCIDENTAL RELEASE MEASURES

In case of unexpected release or spill, please see Section 5 for personal protection. Shovel into containers. Wash floors with detergent and rinse with hot water to prevent slipping.

SECTION 12 TOXICOLOGICAL INFORMATION

Skinn rabbit ld50:>500mg/kg;standard draize, human skin,75mg/3D-I,mild;Standard Draize, rabbit skin,500 mg/24-hr,moderate;investigated as tumorigen and mutagen

SECTION 13 ECOLOGICAL INFORMATION

Environmental Fact : When released into the soil or water, this material is expected to readily biodegrade.

Environmental Toxicity: Not available

SECTION 14 WASTE DISPOSAL METHOD

Incineration is the recommended disposal method for all chemical wastes. Material collected on absorbent material may be land-filled in accordance with respective applicable regulations.

SECTION 15 OTHER INFORMATION

This product (or components, if a mixture) has not been found to be a carcinogen or potential carcinogen by IARC; is not listed in the NTP Third Annual Report; nor is it regulated by OSHA as a carcinogen. The information presented herein has been compiled from sources considered by the company, in good faith, to be dependable and is accurate and reliable to the best of our knowledge and belief. However, the company cannot make any warranty or representation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damages relating thereto or for advising you regarding the protection of your employees, customers, or others. Users should make their own tests to determine the applicability of such information or suitability of any products for specific use.

ISSUED DATE: January 10, 2018