

MATERIAL SAFETY DATA SHEET

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SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME / CODE	Palm Kernel Fatty Acid Distillate (PKFAD)
SYNONYMS	Palm kernel fatty acid
CORPORATE ADDRESS	PT. SUMBER INDAH PERKASA Jl. 5.1.2,e – Bakaheuni Km. 17 Dusun Sukamaju, Desa Rangai Tritunggal, Kec. Katibung, Lampung Selatan Telp. : (+62-721) 341779 Fax : (+62-721) 341798 www.smart-tbk.com

SECTION 2 : HAZARD IDENTIFICATION

Regulatory Status	Not applicable
Potential Health Effects (acute and chronic)	Not applicable
Potential Environmental Effects	Not applicable

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	-
EINECS No	-
H.S Code	-
Group of Chemical	Mixture of triglycerides

SECTION 4 : FIRST AID MEASURES

General Information	Not classified as hazardous materials, but contact a doctor if symptoms persist
First aid procedures	
Inhalation	Remove from source to fresh air. Contact a doctor if symptoms persist
Eye Contact	Flush immediately with water for at least 15 minutes . Contact a doctor if symptoms persist
Skin Contact	Wash thoroughly with soap and water. Hot oil can burn skin, hence treat burns accordingly. Contact a doctor if symptoms persist
Ingestion	If gastrointestinal discomfort is encountered, contact a doctor.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media	Powder, foam, etc
Unsuitable Extinguishing Media	Water, CO2
Special Protective Equipment	Face shield, breathing unit
Hazardous Combustion Products	Carbon monoxide, carbon dioxide, and non-combustle materials

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use suitable protective equipment (such as safety shoes) in case of major spillages
Environmental Precautions	Keep away from drains, soils, surface and groundwaters
Cleaning Up Procedures for Spillages	1. Notify personnel of large spills 2. Soak up oil with absorbent material or pump to waste container 3. Clean area with large amounts of detergent or soap water and hot water then rinse with hot water 4. Oil will cause area to become extremely slippery, caution required (see personal precautions)

SECTION 7 : HANDLING AND STORAGE

Handling
Apply good manufacturing practices and industrial hygiene practices
Storage
Store in vessel and inert steel, protect from physical damage

SECTION 8 : EXPOSURE CONTROL / PERSONAL PROTECTION

Eyes / Face Protection	Use safety glasses if there is a risk of splashing
Skin Protection	Protective gloves is required for hot oil
Respiratory Protection	Not necessary
General Hygiene Consideration	Wash hands with soap and water after handling

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Color	Naturally brownish yellow in color
Odor	Typically palm kernel fatty acid
Specific Gravity	Not Determined
Solubility in Water	Insoluble
Vapor Pressure	Not Determined
pH	Not Determined
Slip Melting Point	20 – 24
Boiling Point	Not Determined
Flash Point	Not Determined
Upper / Lower Flammability	Not Determined
Ignition Temperature	Not Determined
Evaporation Rate	Not Determined
Viscosity	Not Determined

SECTION 10 : STABILITY AND REACTIVITY

Stability	Stable under normal condition
Condition to Avoid	Heat sources, odorous materials, and light exposure
Incompatible Materials	None
Hazardous Decomposition Products	Unknown
Possibility of Hazardous Reaction	None

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SECTION 11 : TOXICOLOGICAL INFORMATION

Not tested

SECTION 12 : ECOLOGICAL INFORMATION

Biodegradability	Readily biodegradable
Ecotoxicity (aquatic and terrestrial)	Not considered as an environmental hazard
Precautions	Prevent surface contamination of oil, ground, and surface water

SECTION 13 : DISPOSAL CONSIDERATION

Place waste in waste container and dispose in accordance with local, regional, and national laws and regulations

SECTION 14 : TRANSPORT INFORMATION

Special shipping information	Not applicable
Additional information	Classified as non hazardous materials

SECTION 15 : REGULATORY INFORMATION

Not applicable

SECTION 16 : OTHER INFORMATION

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