PACIFIC OLEO

SAFETY DATA SHEET

		SDS no.: 0015
Group of Chemicals:	Fatty Acids	Updated: June 2009
Commercial Name :	Palm Fatty Acid Residue	Last issue: January 2006
Common Name/Other Name:	Residue	Revision:1

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF SUPPLIER

Product name:
Palm Fatty Acid Residue

Recommended uses: Raw material for manufacturing oleochemical derivatives

Supplier name:
Pacific Oleochemicals Sdn Bhd (64175 – U)
Plo 285, Jalan Pekeliling timur
PO Box 143, 81707 Pasir Gudang
Johor Darul Takzim, Malaysia
TEL +60-7-251 8000 FAX +60-7-251 1066
EMAIL poc@pacificoleo.com

SECTION 2. HAZARDS IDENTIFICATION

Product is non hazardous

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description:
Palm Fatty Acid Residue

CAS-number:
68440-15-3

EINECS- number:
270-438-7

SECTION 4. FIRST-AID MEASURES

When inhaled:
Sore throat, cough
Remove to fresh air. If suffocation is serious, take to a doctor

When in contact with skin:

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Redness, pain
Remove contaminated clothing, flush skin with water or shower, take to a doctor if necessary

When in contact with eyes:
Redness, pain
Flush with water; take to a doctor if necessary

When ingested:
Sore throat, abdominal pain
Rinse mouth, drink plenty of water, see physician

SECTION 5. FIRE-FIGHTING MEASURES

Suitable fire-fighting agents:
Use dry powder, foam, carbon dioxide

Extinguishing media which must not be used for safety reasons:
Water jet

Specific hazards in the event of fire:
Combustible, keep away from open flame, no smoking

Protection of fire-fighters (use of protective equipment, etc.):
Use self-contained breathing equipment if in confined place

SECTION 6. ACCIDENT RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Use gloves, face shield

Environmental precautions:
Do not allow to flow into drainage system.

Methods and materials for containment and cleaning up:
Collect leakage in sealable containers, soak up with sand or other inert absorbent and remove to safe place. Wash site with sodium bicarbonate solution or soda ash. Wipe clean.

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SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Use gloves and wear goggles when handling.

Conditions for safe storage, including any incompatibilities:

Keep in a cool and dry place.
Store in clean, dry, preferably stainless steel vessels.
In bulk, store at about 10 deg C above melting point or ambient. Temperature higher than Necessary degrades quality at rate dependent on time and temperature of exposure.
Exposure to ultraviolet light and sunlight must be minimised to prevent quality loss.

SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Control parameters:

None

Appropriate engineering controls:

No special measures required.

Individual protection measures, such as personal protective equipment (PPE):

Immediately remove soiled or soaked clothing.
Hand protection: suitable protective gloves.
Eye protection : protective goggles.
Body protection: suitable protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brownish to dark colour solid.
Odour	Faint fatty odour.
Odour threshold	Not available
pH	Not available
Melting point / freezing point	<60ºC
Flash point (Pensky-Martens closed cup)	>200ºC
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Vapour pressure	<1.0mm Hg @ 131 ºC
Auto-ignition temperature	>250 ºC (Cleveland closed cup)
Decomposition temperature	Not available
Viscosity	Not available
Density @ 75 ºC	0.85 g/ml
Relative molecular mass	172-282
Acid Value	<100mgKOH/g

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SECTION 10. STABILITY AND REACTIVITY

Reactivity:
Vapour mixes readily with air. Reacts with strong oxidants

Chemical stability:
None known

Possibility of hazardous reactions:
None known

Conditions to avoid:

Extreme heat, cold or direct fire**.**

Incompatible materials:

Strong alkalis and oxidizing agents

Hazardous decomposition products:
None known

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity:
LD 50(Oral, rat) = > 10000mg/kg

Skin corrosion/irritation:

Not available

Serious eye damage/irritation:
Not available

Respiratory or skin sensitization:
Not available

Germ cell mutagenicity:
Not available

Carcinogenicity:
Not available

Reproductive toxicity:
Not available

STOST-single / repeated exposure:
Not available

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Aspiration hazard:
Not available

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

Acute fish toxicity:	LC 50 > 100 mg product/l.
Acute bacteria toxicity:	EC 50 > 10 to 100 mg product/l.

Persistence and degradability:
Readily biodegradable

Bioaccumulative potential:

Not available

Mobility in soil:
Not available

Other adverse effect:
Not available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal method:
Waste incineration with the approval of the responsible local authority.

SECTION 14. TRANSPORT INFORMATION

UN Number:
None

UN Proper Shipping Name:
None

Transport Hazard Class:
Not hazardous according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR.

Packing Group:
None

Environmental Hazard:
Marine pollutant (Yes/No): No
MARPOL Annex II: Category Y

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SECTION 15. REGULATORY INFORMATION

Classification and labelling according to GHS:

None

Classification and labelling according to EC:

None

SECTION 16. OTHER INFORMATION

Always work safely around open hatches on bulk tanks. The low density makes flotation difficult for immersed person

The SDS has been reformatted and updated in accordance to Globally Harmonised System (GHS) guidelines. Every effort has been made to give correct information. This is to be used as reference and guidance purposes only. No responsibilities are accepted for accuracy of information contained in the text.