

Safety Data Sheet



IOI OLEOCHEMICAL

IOI Esterchem (M) Sdn Bhd 199201021590 (253094-T)

2411, Lorong Perusahaan Satu, Prai Industrial Complex,

13600 Prai, Penang, Malaysia.

T : +60-4-376 8888

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W : www.ioioleo.com

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Group of Chemicals:	Fatty Esters	SDS No.:	SDS-QC-113
Commercial Name :	Palmsurf IPP, Palmsurf	Date Issue :	01/11/2019
Common Name/Other	IPP/MB	Date Review:	18/10/2022
Name:	Isopropyl Palmitate		

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

Product name:

Isopropyl Palmitate

Trade name:

Palmsurf IPP, Palmsurf IPP/MB

Distributed by:

Univar Solutions USA

3075 Highland Pkwy Ste 200

Downers Grove, IL 60515

Telephone: 1-855-429-2661

Emergency phone number:

CHEMTREC 1-800-424-9300

Recommended uses:

In cosmetic, pharmaceutical and industrial applications.

Supplier name:

IOI Esterchem (M) Sdn Bhd
2411 Lorong Perusahaan Satu,
Prai Industrial Complex.
13600. Prai.
Penang, Malaysia

Manufacturer address

3072 Lorong Perusahaan Satu,
Prai Industrial Complex.
13600. Prai.
Penang, Malaysia

Emergency contact:

IOI Esterchem (M) Sdn Bhd
+604 3768888

Contact Person:

- 1) Safety and Health Manager / Officer
- 2) Quality Control Manager / Chemist



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SECTION 2. HAZARDS IDENTIFICATION

Product is non-hazardous.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description:

Isopropyl Palmitate, formula $C_{19}H_{38}O_2$

CAS-number:

142-91-6

EINECS- number:

205-571-1

SECTION 4. FIRST-AID MEASURES

When inhaled:

Remove to fresh air, place in half-sitting position, and take to hospital if necessary.
Not applicable at ambient temperature.

When in contact with skin:

Practically non-irritating to the skin.
Observe normal precautions for handling all chemicals.
Wash with water and soap.

When in contact with eyes:

Observe normal precautions for handling all chemicals.
Flush with water with copious amount of running water (10 minutes)
if necessary see oculist.

When ingested:

Unlikely to be harmful unless excessive amount swallowed.
Rinse mouth and call a doctor.



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SECTION 5. FIRE-FIGHTING MEASURES

Suitable fire-fighting agents:

Use dry powder, water spray, foam, carbon dioxide for extinguishing.
Avoid open flames.

Extinguishing media which must not be used for safety reasons:

Water jet

Specific hazards in the event of fire:

No data

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:

Transfer product to suitably labelled containers for disposal at an approved site.
Absorb spillage onto inert material (e.g. sand).
Wash away residue and small spillages with water and detergent.
Re-use / recycling of disposal highly recommended.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Normal precautions should be observed as for handling all chemicals.
Use gloves and wear goggles when handling.

Conditions for safe storage, including any incompatibilities:

In bulk, store at about 10 deg C above melting point or ambient.
Keep container tightly closed and store in a cool and dry place, separate from

strong oxidizing agents.
Avoid open flames.



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SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Control parameters:

No data

Appropriate engineering controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
Ensure that eyewash stations and safety showers are proximal to the work-station location.

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

Hand protection	:	suitable protective gloves.
Eye protection	:	protective goggles.
Body protection	:	suitable protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless liquid
Odour	Faint odour
Odour threshold	Not available
pH	Not available
Melting point / freezing point	12 °C
Initial boiling point and boiling range	Approx. 300 °C@ 760mm Hg
Flash point (Cleveland open cup)	>170 °C
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or	Not applicable
Explosive limits	Not available
Vapour pressure	<1 mbar @ 20°C
Vapour density	Not available
Relative density	Not available
Solubility	Insoluble in water @ 20 °C
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	350 °C
Decomposition temperature	Not available

Viscosity@ 20 °C	5-10 mPas
Density @ 20 °C	0.852-0.854 g/ml
Relative molecular mass	298.5



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SECTION 10. STABILITY AND REACTIVITY

Reactivity:

No data

Chemical stability:

Stable under normal temperatures and pressures.

Possibility of hazardous reactions:

No data

Conditions to avoid:

Incompatible materials, strong oxidants.

Incompatible materials:

Strong oxidizing agents and acids, explosives.

Hazardous decomposition products:

Incomplete combustion can produce fumes of carbon monoxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: LD50, rat > 5000 mg/kg

Skin corrosion/irritation:

No data

Serious eye damage/irritation:

No data

Respiratory or skin sensitization:

No data

Germ cell mutagenicity:

No data



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Carcinogenicity:

No data

Reproductive toxicity:

No data

STOST-single / repeated exposure:

No data

Aspiration hazard:

No data

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

Acute fish toxicity: LC 50 > 100mg/l

Acute bacteria toxicity: EC 50 > 100 mg product/l.

Persistence and degradability:

Readily biodegradable

Bioaccumulative potential:

No data

Mobility in soil:

No data

Other adverse effect:

No data

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal method:

Dispose of in a manner consistent with federal, state, and local regulations.



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SECTION 14. TRANSPORT INFORMATION

UN Number:

None

UN Proper Shipping Name:

None

Transport Hazard Class:

Not hazardous according to RID/ADR, GGVS/GGVE, ADNRR, IMDG,
ICAO-TI/IATA-DGR

Packing Group:

None

Environmental Hazard:

Marine pollutant (Yes/No): No
MARPOL Annex II: Not categorised

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.

Disclaimer

This Safety Data Sheet does not constitute any warranty or guarantee as to the quality, properties, condition or otherwise of the product. It has been prepared from the best knowledge available to us and we shall not

be liable for any insufficiency or inaccuracy in such information in any case whatsoever.