



PT. MUSIM MAS
Soaps, Amides & Esters Division

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SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Identification

Product Name : Glycerol Tricaprylate/ Caprate
Trade Name : MASESTER E6000 & E6200 & E7000
Other Identifier : Medium Chain Triglyceride, Caprylic/ Capric Triglyceride
Recommended Use : Food & Cosmetic Application

Company Identification

Manufacturer Name : PT Musim Mas
Address : Jln. Oleo, Kawasan Industri Medan II, Saentis,
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North America/Canada : +1-800-424-9300 (Chemtrec)

2. HAZARD IDENTIFICATION

GHS Classification
Physical Hazard : Not classified as hazardous substance.
Health Hazard : Not classified as hazardous substance.
Environmental Hazard : Not classified as hazardous substance.

GHS Label Element
Hazard Symbol : Not classified as hazardous substance.
Signal Word : Not classified as hazardous substance.
Hazard Statement : Not classified as hazardous substance.
Precautionary Statement : Not classified as hazardous substance.

Other Hazard : No data available

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance

Chemical Name : Caprylic/ Capric Triglyceride
Synonym : Decanoyl- and octanoyl glycerides
CAS No : 65381-09-1/ 73398-61-5
EINECS No : 265-724-3/ 277-452-2
Ingredients or impurities that
contribute to hazard : No data available



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4. FIRST AID MEASURES

| | |
|--|--|
| Eye Contact | : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 10 minutes, keeping eyelids open. Do not neutralize with chemical agents. Get medical attention if irritation occurs. |
| Skin Contact | : When in contact with skin, remove contaminated clothing. Wipe away excess material with dry towel. Then wash affected areas with plenty water, and mild soap if available, for several minutes. Do not attempt to neutralize with chemical agents. Get medical attention if irritation occurs. |
| Ingestion | : Wash out mouth thoroughly with water. Drink plenty of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. In severe cases obtain medical attention. |
| Inhalation | : Immediately leave the contaminated area, take deep breaths of fresh air. |
| Most important symptoms/effects, acute and delayed | : No data available |
| Indication of immediate medical attention and special treatment needed | : No data available |

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Suitable extinguishing Media | : Water fog, dry chemical powder & carbon dioxide foam. |
| Unsuitable extinguishing Media | : No data available |
| Specific hazards arising from the substance or mixture | : No data available |
| Special protective equipment for fire-fighters | : Use water spray to cool nearby containers and structures exposed to fire. Containers can build up pressure if exposed to heat (fire). Fire involving large amount of material should not be approached because individual containers may rupture abruptly causing "fireball" effect. |
| Special protective action for fire-fighters | : Use self-contained breathing apparatus and full protective clothing when fighting chemicals fires. |



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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear gloves and face shield.
- Environmental precautions : Water spill : avoid runoff into sewers and ditches which lead to waterways.
Land spill : soak up with absorbent. Shovel up and place in a waste container.
- Methods and materials for containment and cleaning up : Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into containers.
Prevent run-off to sewers, streams or other bodies of water.
Wash floor with hot soapy water and rinse with hot water to prevent slipping.

7. HANDLING AND STORAGE

- Precautions for safe handling : Use gloves and wear goggles when handling.
Keep away from heat, sparks and flame.
Never use pressure to empty drums.
Handle in accordance with good industrial hygiene and safety.
- Conditions for safe storage including any incompatibilities : i. The product must be stored in the manufacturer's original sealed container
ii. The product must be stored under sheltered and well-ventilated warehouse; not exposed to moisture, and direct sunlight
Deviation from the above condition may effect the stability of the product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Chemical Name | Exposure limit | Category | Origin |
|----------------------|-----------------------|-----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable |

Appropriate Engineering Controls : Not applicable

Individual Protection Measures, such as personal protective equipment

Eye/Face Protection : Wear safety glasses or goggles to protect against exposure.

Skin Protection : Use gloves as a standard industrial handling procedure.

Respiratory Protection : None required under normal conditions.

Thermal Hazards : No limit have been established.



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Environmental Exposure Controls : Minimize contamination of drains, surface and ground water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Information

Appearance

| | |
|--|---|
| Physical State | : Liquid |
| Colour | : Colourless to pale yellow |
| Odour | : Odourless |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point/freezing point | : < - 5°C (as Cloud Point) |
| Initial boiling point and boiling range | : > 260°C/ > 500°F |
| Flash point | : > 240°C/ > 464°F (Cleveland Open Cup) |
| Evaporation rate | : Nil |
| Flammability (solid,gas) | : No data available |
| Upper/lower flammability or explosive limits | : No data available |
| Vapour pressure | : Negligible |
| Vapour density | : Heavier than air |
| Relative density | : 0.93 – 0.96 at 20°C |
| Solubility | : Insoluble in water, soluble in most organic solvent |
| Partition coefficient :n-octanol/water | : Partition coefficient (log Pow) > 3,0 (Glycerides of saturated C8/C10 fatty acids) |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : 27 – 33 mPa*s (at 20°C) |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

Other Information : No data available

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | : Not applicable |
| Chemical stability | : Stable under ordinary condition. |
| Possibility of hazardous reactions | : Hazardous polymerisation will not occur. |
| Conditions to avoid | : Avoid direct fire, strong alkalis and strong oxidizers. |
| Incompatible materials | : Strong alkalis and strong oxidizers. |
| Hazardous decomposition products | : Carbon Dioxide and Carbon Monoxide |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|---------------------|
| Acute toxicity | : No data available |
| Skin corrosion/irritation | : No data available |
| Serious eye damage/irritation | : No data available |



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| | |
|-----------------------------------|---------------------|
| Respiratory or skin sensitization | : No data available |
| Mutagenicity | : No data available |
| Carcinogenicity | : No data available |
| Reproductive toxicity | : No data available |
| STOT-single exposure | : No data available |
| STOT-repeated exposure | : No data available |
| Aspiration hazard | : No data available |

12. ECOLOGICAL INFORMATION

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|---------------------------------------|--|
| Ecotoxicity | : Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants |
| Persistence and Degradability | : Readily biodegradable |
| Bioaccumulative potential | : Bioaccumulation is unlikely |
| Mobility in soil | : No data available |
| Result of the PBT and vPvB assessment | : No data available |
| Other adverse effects | : No data available |

13. DISPOSAL CONSIDERATIONS

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|------------------|---|
| Disposal methods | : Dispose accordance with all applicable National environmental laws and regulations. |
|------------------|---|

14. TRANSPORT INFORMATION

Land Transport (ADR/RID)

| | |
|-------------------------|---|
| UN Number | : Not classified as Dangerous Goods under transport regulation. |
| UN Proper shipping name | : Not applicable |
| Transport Hazard Class | : Not applicable |
| Packing Group | : Not applicable |

Sea Transport (IMDG Code)

| | |
|-------------------------|---|
| UN Number | : Not classified as Dangerous Goods under transport regulation. |
| UN Proper shipping name | : Not applicable |
| Transport Hazard Class | : Not applicable |
| Packing Group | : Not applicable |
| Additional Information | : Not applicable |

Air Transport (IATA)

| | |
|-------------------------|---|
| UN Number | : Not classified as Dangerous Goods under transport regulation. |
| UN Proper shipping name | : Not applicable |
| Transport Hazard Class | : Not applicable |
| Packing Group | : Not applicable |



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Inland waterways Transport (ADN)

UN Number : Not classified as Dangerous Goods under transport regulation.
UN Proper shipping name : Not applicable
Transport Hazard Class : Not applicable
Packing Group : Not applicable

Transport in Bulk (Annex II of MARPOL 73/78 and the IBC code)

Product Name : Not applicable
Ship Type : Not applicable
Pollution category : Not applicable

15. Regulatory Information

Safety, Health and Environmental regulations/legislation specific for the substance or mixture :

ENCS (Japan) : 2-699
TSCA (USA) : Listed
EINECS (EU) : 265-724-3/ 277-452-2
AICS (Australia) : Listed
DSL (Canada) : Listed
KECL (Korea) : KE-09452/ KE-17905
PICCS (Philippine) : Listed
IECSC (China) : Listed

Chemical Safety assessment : No data available

16. OTHER INFORMATION

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