

G&N Safety Data Sheet



1. Identification of the substance/ preparation and of the company/ undertaking

Identification of the product

Product Name: YummyFat

Company/ undertaking identification

Company: Green & Natural Sdn Bhd.
(Company no: 600008-U)
39, Jln SS18/6,
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Emergency telephone no.: + 6012 201 7640

2. Composition/ information on ingredients

Synonyms Palm oil stearin
CAS Number: 8002-75-3
EC Number: 232-316-1

3. Hazard identification

Safety Hazards: Combustible.
Environmental Hazards: No specific hazards.
Inhalation: Not applicable at ambient temperature. HOT vapor causes irritation.
Skin contact: Molten stearin causes burns if skin contact occurs.
Eye contact: May cause irritation.
Ingestion: Unlikely to be harmful unless excess amount swallowed.

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4. First aid measures

Inhalation:	Immediately move to fresh air. Get medical attention after significant exposure.
Skin contact:	If hot stearin strikes the skin, drench or immerse the area in the water to assist cooling. Do not try to remove stearin from a burn after it has cooled. Seek medical attention. If cool stearin contacts skin, wash the area with warm soapy water.
Eye contact:	Immediately rinse out with plenty of water. Seek medical attention.
Ingestion:	Not a problem if ingested in small quantities relative to body size. Contact Physician if discomfort is encountered.

5. Fire-fighting measures

Extinguishing media:	Water spray, dry chemical, CO ₂ , appropriate foam or powder, sand or earth may be used for small fire only. Water may be ineffective but should be used to keep fire-exposed containers cool and to flush spills away from fire.
Unsuitable extinguishing media:	Do not use water in jet. Use of Halon extinguishers should be avoided for environmental reasons.
Specific hazards:	Combustion products may include carbon monoxide and unburnt hydrocarbons. Not classified, as flammable but will burn.
Protection of fire fighting:	Use self-contained breathing apparatus, full protective clothing.
Other information:	Prevent fire-fighting water from entering surface water or ground water.

6. Accidental release measures

Personal precautions:	Avoid contact of molten stearin with eyes, skin and clothing. Do not inhale molten stearin vapor. Ensure supply of fresh air in enclosed rooms.
Environmental precautions:	Minimize discharge to sewerage system. Use appropriate containment to avoid environment contamination.
Procedures for cleaning:	Contain molten stearin with sand, earth or spill control material. Do not disperse using water. Allow to cool and remove as a solid.
Other information:	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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7. Handling and storage

Handling:

Only use in well-ventilated areas. Avoid contact with the skin, eyes, nose and mouth, especially when the product is molten. Wash all exposed skin before eating, drinking, smoking or using the toilet.

Storage:

Do not store in unsuitable, unlabelled or incorrectly labeled containers.

Other information:

Avoid elevated temperature.

8. Exposure controls/ personal protection

Engineering controls:

Eyewash facility, safety shower, adequate ventilation or local exhaust.

Occupational exposure limit:

No exposure limit has been established.

Personal protective equipment

Respiratory protection:

Not normally required. In a confined space self-contained breathing apparatus may be required.

Eye protection:

Chemical safety goggles or plastic face shield.

Hand protection:

Suitable protective gloves.

Skin and body:

Wear protective clothing.

Other information:

None

9. Physical and chemical properties

Appearance:

Beads

Color:

White to light yellowish

Odor:

Odorless to bland

Melting point/ range:

54 - 60 °C

Boiling point/ range:

None known

Auto ignition temperature:

> 250°C

Flash point:

>200°C (PMCC)

Explosion limits:

None known

Solubility in Water

Insoluble

Volatile organic compound (VOC) content:

Not volatile ambient

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10. Stability and reactivity

Chemical stability:	Stable under normal condition.
Conditions to avoid:	Naked flames.
Substances to avoid:	Incompatible materials such as oxidizing agents.
Hazardous decomposition products:	None known

11. Toxicology information

Basic for assessment:	Toxicological data has not been determined specifically for this product. Information given is based on the knowledge of the toxicology of similar products
Eye irritation:	Mild irritations
Skin irritation:	Slightly irritating
Skin Sensitization:	Not expected to be a skin sensitizer
Reproductive toxicity:	Does not impair fertility. Not a developmental toxicant.
Further data:	Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Basic for assessment:	Ecotoxicological data has not been determined specifically for this product. Information given is based on the knowledge of the toxicology of similar products
Degradability:	Fully biodegradable
Bioaccumulation	Do not occur

13. Disposal considerations

Product:	Reuse/ recycling of waste highly recommended. Controlled incineration or disposed of where permitted according to local legislation.
Packaging:	Disposed of in compliance with the country-specific regulations.

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14. Transport information

Not subject to transport regulation.

15. Regulatory information

Hazard symbol(s):	None
Risk phrase(s):	None
Safety phrase(s):	None

16. Other information

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