

**SAFETY DATA SHEET
ACCORDING TO Global Harmonized System (GHS)**

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**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE
AND OF THE COMPANY/UNDERTAKING**

1.1. Product identifier

Product name : **GoNutri Energy 98**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Raw material for manufacturing oleochemical derivatives

1.3. Detail of the supplier of the safety data sheet

Company : PT. SOCI MAS

Jl. Pulau Irian No. 2 Kawasan Industri Medan,
Saentis – Percut Sei Tuan, Deli Serdang – 20371, Indonesia

Telephone : +62 61 6851582; +62 882 61618181

Email : bahari.parinduri@sinarmas-agri.com; netti.sumarta@sinarmas-agri.com

1.4. Emergency telephone number

Emergency telephone : +62 61 6851582 (Monday – Friday, 08.00 a.m. – 17.00 p.m.)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

This substance is not classified as dangerous according to GHS criteria.

This substance is not classified as dangerous to European Union Legislation.

2.2. Label elements

Global Harmonized System of Classification and Labelling of Chemicals (GHS)

The product does not need to be labelled in accordance with GHS criteria.

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance according to EC No 1272/2008.

Labelling (67/548/EEC or 1999/45/EC)

The product does not need to be labelled in accordance with EC directive or respective national law.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation/description : Fractionated Fatty Acid/Palmitic Acid 98%

CAS-No. : 57-10-3

EC-No. : 200-312-9

Molar mass average : ± 256.4 g/mol

Chemical Name	CAS-No.	EINEC-No.	%
Lauric Acid	143-07-7	205-582-1	2.0 max.
Myristic Acid	544-63-8	208-875-2	
Palmitic Acid	57-10-3	200-312-9	98.0 min.
Stearic Acid	57-11-4	200-313-4	1.0 max.

SECTION 4. FIRST-AID MEASURES

4.1. Description of first aid measure

If inhaled

Move to fresh air. Take to a doctor if necessary.

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Take to a doctor if necessary.

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In case of eye contact

Rinse out with plenty of water. Take to a doctor if necessary.

If swallowed

Make victim drink water. Do NOT induce vomiting. Consult a physician.

No data available of any toxic symptoms.

4.2. Identification of immediate medical attention and special treatment needed

No data available.

SECTION 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use dry powder, foam, carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Combustible, keep away from open flame, no smoking.

5.3. Advice for firefighters

Use self-contained breathing equipment if in confined place.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

Use gloves, face shield.

6.2. Environmental precautions

Do not allow to flow into drainage system.

6.3. Methods and material 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. Can also allow spillage to solidify, then shovel into containers. Clean up area immediately.

6.4. Reference to other sections

Indication for disposal see section 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Observe label precaution. Use gloves and wear goggles when handling.

7.2. Condition for safe storage, including any incompatibilities

Keep in a cool and dry place, avoid extreme heat and cold. Avoid direct fire. Keep separate from oxidants. 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.

7.3. Specific and uses

Apart from the uses mentioned in section 1.2 and no data available for specific uses.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

None.

8.2. Exposure controls

Engineering measures

No special measures required. See section 7.1.

Individual protection measures

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Hand protection: Suitable protective gloves
Eye protection: Protective goggles
Body protection: Suitable protective clothing

8.3. Environmental exposure controls

Do not empty into drains.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	: Waxy, white crystalline solid
Odour	: Slight bland/tallow-like odour
Odour threshold	: No data available
pH	: No data available
Melting point/freezing point	: 59-63°C
Initial boiling point and boiling range	: 351.5°C
Flash point	: 205°C (Cleveland open cup method)
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper/lower flammability or explosive limits	: Not explosive
Vapour pressure	: <1.0 mm Hg @ 131°C
Vapour density	: No data available
Relative density	: 0.8527 g/cm ³ @ 62°C
Solubility	: <0.05 mg/L @ 20°C
Partition coefficient: n-octanol/water	: 7.17 (Toxnet)
Auto-ignition temperature	: >250°C
Decomposition temperature	: No data available
Viscosity	: 7.8 @ 70°C

9.2. Other information

No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

None known.

10.2. Chemical stability

None known.

10.3. Possibility of hazardous reaction

None known.

10.4. Condition to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Oral: LD50>5000 mg/kg body weight

Skin corrosion/irritation

No skin corrosion/irritation.

Serious eye damage/irritation

No eye irritation.

Respiratory or sensitisation

Non-sensitising.

Germ cell mutagenicity

Not mutagenic (Ames test).

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

STOT-single exposure

Not available.

STOT-repeated exposure

Not available.

Aspiration hazard

Not available.

11.2. Other information

No data available.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute fish toxicity: LC 50>1000 mg product/l

Acute bacteria toxicity: EC 50>3000 mg product/l

12.2. Persistence and degradability

A substance is not considered to be persistent and is readily biodegradable.

12.3. Bioaccumulative potential

A substance is considered unlikely to be bioaccumulative (according to PBT assessment 2008).

12.4. Mobility in soil

No data available.

12.5. Result of PBT and vPvB assessment

This fatty acid is not identified as PBT nor as vPvB substance criteria.

12.6. Other adverse effects

Not available.

SECTION 13. DISPOSAL CONSIDERATION

13.1. Waste treatment method

Disposed of in compliance with the respective national regulation.

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SECTION 14. TRANSPORT INFORMATION

14.1. UN number

ADR/RID: None IMDG: None IATA: None

14.2. UN proper shipping name

ADR/RID: None IMDG: None IATA: None

14.3. Transport hazard class (es)

ADR/RID: None IMDG: None IATA: None

14.4. Packing group

ADR/RID: None IMDG: None IATA: None

14.5. Environmental hazard

ADR/RID: No IMDG marine pollutant: No IATA: No

14.6. Special precaution for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

None.

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2. Chemical safety assessment

No data available.

SECTION 16. OTHER INFORMATION

The above information given in the safety data sheet is believed to be correct but does not purport to be all-inclusive and shall be only as a guide. No responsibilities are accepted for the accuracy of the information contained in the text and it could be mistaken as to the progress of science and technology.

Reference no.: MS/015

Revision no.: 13

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GoNutri is a Golden Agri-Resources (GAR) brand.

