

Safety Data Sheet

Date issued: 15/12/2011

Date revised: 10/07/2018

Date printed: 18/09/2019

1. Identification

Product name:	Methyl linolenate
Product code:	0005427
Company:	Inoue Perfumery MFG. Co., Ltd. 1-36-11 Okusawa, Setagaya-ku, Tokyo 158-0083, Japan
Telephone:	+81.3.3729.9147
FAX:	+81.3.3729.9090

2. Hazard identification

GHS classification	
Physical:	
Flammable liquid	Not classified
Health:	Classification not possible
Environmental:	Classification not possible

Label elements	
hazard Pictogram:	None
Signal Word:	None
Hazard Statement	

Precautionary Statement

3. Composition / Information on ingredients

Substance / mixture:	Substance
Chemical name:	Methyl linolenate (main component)
Synonyms:	Methyl cis,cis,cis-9,12,15-octadecatrienoate (main component)
Formula:	C ₁₉ H ₃₂ O ₂
Molecular weight:	292.47
CAS No.:	301-00-8
EINECS No.:	206-102-3
TSCA:	Registered
FEMA No.:	3411
CoE No.:	713
FDA No.:	-
Content (%):	50~70 (main component)

4. First-aid measures

Inhalation:	Move the victim to fresh air and keep calm and warm. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Skin Contact:	Remove contaminated clothes. Wash with soap and rinse with water. Seek medical attention if the appearance of the exposed skin has changed or pain persists.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes (remove contact lenses if easily possible). Seek medical attention immediately.
Ingestion:	Rinse mouth with water and administer water. Do not induce vomiting. Seek medical attention immediately.

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5. Fire-Fighting measures

Suitable extinguishing media:	Powder, water spray, foam, carbon dioxide
Unsuitable extinguishing media:	Solid water
Specific hazards arising from the chemical:	May emit toxic fumes under fire conditions.
Special protective equipment and precautions for fire-fighters:	Firefighters should wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. Uninvolved persons should evacuate to a safe place.

6. Accidental release measures

Personal precautions, protective equipment:	Use personal protective equipment. Keep people away from and upwind of spill/leak.
Environmental precautions and protective procedures:	Do not discharge any drains, surface water or groundwater.
Methods and materials for containment and cleaning up:	Ensure adequate ventilation. Remove all ignition sources. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Wash away remainder with plenty of water.

7. Handling and storage

Precautions for safe handling:	Use with adequate ventilation. Wear suitable protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapour or mist. Keep away from heat and sources of ignition. Wash hands after handling the product.
Conditions for safe storage:	Store in tightly closed containers in cool, dark, dry, well-ventilated area away from heat, sources of ignition and incompatibles.

8. Exposure controls / personal protection

Engineering measures:	Use closed equipment or local ventilation. Install safety shower and eye bath.
Personal protective equipment	
Respiratory protection:	Wear suitable respiratory protection.
Eye protection:	Safety glasses.
Hands protection:	Protective gloves.
Body protection:	Protective clothing.

9. Physical and chemical properties

Appearance:	Colorless to light yellow liquid
Odor:	Characteristic
pH:	No data available
Melting point / freezing point:	No data available
Boiling point:	140~170 °C/0.06hPa
Flash point:	192 °C(Open cup)
Evaporation rate:	No data available
Explosive limits:	No data available

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Vapour pressure:	No data available
Vapour density:	No data available
Specific gravity:	0.890 @ 20°C/20°C
Solubility:	Insoluble in water Soluble in alcohol
n-octanol / water partition coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal temperature conditions.
Possibility of hazardous reactions:	No data available
Conditions to avoid:	No data available
Incompatible materials:	No data available
Hazard decomposition products:	It is not generate carbon oxide by self digestion.

11. Toxicological information

Acute toxicity		
Oral-rat	LD50	No data available
Dermal-rabbit	LD50	No data available
Potential health effects		
Inhalation:		May cause respiratory tract irritation.
Skin:		May causes skin irritation.
Eyes:		May causes eye irritation.
Ingestion:		May be harmful if swallowed.

12. Ecological information

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulation:	No data available
Mobility in soil:	No data available
Other adverse effect:	No data available

13. Disposal considerations

Dispose of contents/container in accordance with current applicable laws and regulations.

14. Transport information

Any transportation practice must be in compliance with current applicable laws and regulations.

UN number:	NA
Class:	NA
Packing group:	NA
Proper shipping name:	NA

15. Regulatory information

Observe all applicable national, international and local regulations or provisions.

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16. Other information

Disclaimer:

The above information is believed to be correct and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.