

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION

1.1. Product Name			
Geranium Standard Oil			
1.2. Biological Definition			
Blend of essential oil			
1.3. Synonyms & Trade Names			
Rose Geranium Oil, Geranium aroma blend			
1.4. Normal Use			
Cosmetic, Flavour and Fragrance			
FEMA No.	N/A	FDA No.	19555298040
CAS No.	N/A	EINEC No.	N/A

2. HAZARDOUS IDENTIFICATION

2.1. Signal Word	
Non-hazardous	
2.2. Contains	
Geraniol, Linalool, Citronellol	
2.3. Hazardous Statements	
Non-hazardous	
2.4. Precautionary Statements	
P273	Avoid release to environment
2.5. Adverse physio-chemical properties	
None	

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Composition			
Name	CAS	EINECS	%
Citronellol	106-22-9	203-375-0	± 25
Geraniol	106-24-1	203-377-1	± 14
Linalool	78-70-6	201-134-4	± 1

4. FIRST-AID MEASURES

4.1. Description of first aid measures	
Skin contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage
Eye contact	Flush with plenty of water and seek medical advice if necessary
Ingestion	Wash mouth with water and obtain medical advice immediately
Inhalation	Move into an open-air space

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media
Use CO2 dry powder or foam type extinguishers. So not use direct water jet on burning material
5.2. Special fire fighting procedures
Wear protective clothing, avoid inhaling of vapours
5.3. Protective Measures
Closed containers may build up pressure when exposed to heat and they should be cooled

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment
Maintain good occupational and personal hygiene. Avoid contact with skin
6.2. Environmental protection measures
Do not discharge directly into drains or soil. Keep away from surface and groundwater

6.3. Spill Clean Up Methods

Soak up spills with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations

7. HANDLING AND STORAGE

7.1. Usage Precautions

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene and do not eat, drink or smoke while handling

7.2. Storage Precautions

Store in a tight closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Protective Equipment

Engineering Measures	Ensure good ventilation of working area
Respiratory Equipment	As required. Avoid breathing product vapour
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required
Eye Protection	Use safety glasses
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Basic information

Appearance	Mobile liquid
Colour	Yellow to Green
Odour	Sweet rose floral
Flash point	116.2 °C
Specific gravity @ 20 °C	0.888 - 0.900
Refractive index @ 20 °C	1.463 - 1.473
Boiling Point	237 °C

Disclaimer: As the users' condition of work is not known, the information contained in this Material Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations. The product must not be employed for uses other than those specified without having previously obtained written handling instructions. Users are responsible for taking all necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our products and not as a guarantee of its properties.

Melting point, Ph, vapour pressure	Data not found
Solubility in water	Not soluble

10. STABILITY AND REACTIVITY

10.1. Stability
It presents no significant reactivity hazards, by itself or in contact with water Avoid storage at elevated temperature
10.2. Materials to avoid
Avoid contact with strong acids, and oxidising agents
10.3. Hazardous Decomposition Products
Liable to cause smoke & acrid fumes combustion: carbon monoxide, carbon dioxide
10.4. Stability
Stable

11. TOXICOLOGICAL INFORMATION

11.1. Acute toxicity
Slightly irritating undiluted
11.2. Skin irritation & Aspiration Hazard
May be skin irritant
11.3. Serious eye damage / irritation
Potential exists. Wear goggles
11.4. Respiratory or Skin Sensitisation
Not determined
11.5. Photo-toxicity
Not photo-toxic

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity
May be hazardous to aquatic life
12.2. Mobility
Not determined
12.3. Persistence and degradability
Not determined
12.4. Bioaccumulation potential
Not determined
12.5. PBT assessment
Not determined
12.6. Precautions
Avoid discharge into the environment especially into land, waterways and sea

13. DISPOSAL CONSIDERATIONS

13.1. Disposal Methods
Avoid discharge into the environment especially into land, waterways and sea

14. TRANSPORT INFORMATION

14.1. Proper Shipping Name	
N/A	
14.2. UN No.	
ADR	N/A
IATA	N/A
IMDG	N/A
14.3. Dangerous for the Environment and Marine Pollutant	
YES - contains rose geranium oil	

14.4. Hazard Pictogram



15. REGULATORY INFORMATION

15.1. Statutory Instruments

None

15.2. Approved codes of practice

None

16. OTHER INFORMATION

Risk Phrase - Harmful to the environment