



Geranium Essential Oil

1 PRODUCT & COMPANY IDENTIFICATION

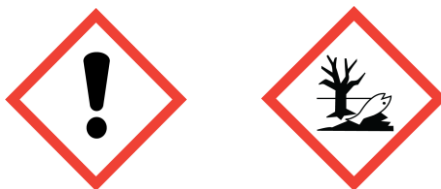
Product Name: Geranium Essential Oil
Synonyms: No data available
INCI Name: Pelargonium Graveolens
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: Deo Organic
Address: 2300 kathryn ln plano tx 75025
Email: sales@deoorganic.com

2 HAZARDS IDENTIFICATION

GHS Classification: Acute Toxicity 2, Skin Irritation 2, Eye Irritation 2, Danger to Aquatic Environment - Chronic Danger 4.

GHS Hazard Pictograms:



GHS Warning Words: Caution! Dangerous to the environment!
GHS Hazard Statements: H302: Harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation
H413: May cause long lasting harmful effects to aquatic life

GHS Precautionary Statements: P102: Keep out of reach of children
P273: Avoid release into the environment
P301 + P330: IF SWALLOWED: Rise mouth
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

Potential Health Hazards: Eyes: Irritating to eyes.
Inhalation: May be a respiratory irritant.
Skin: May cause skin irritation in susceptible persons.
Ingestion: May cause irritation.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Pelargonium Graveolens	84776-65-8	Not Available	Not Available
Linalyl Acetate	115-95-7	Not Available	Not Available
Linalool	78-70-6	Not Available	Not Available

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water for at least 15 minutes. Be sure to rinse under eyelids as well. Seek medical attention if necessary.

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.



SDS (Safety Data Sheet)

Skin: Flush with plenty of water and wash using soap. Get medical attention if irritation or redness occurs.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If affected individual is conscious, rinse mouth with drinking water. If large amounts swallowed or symptoms develop, get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustibile at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: No data available
Specific hazards arising from the chemical: Carbon monoxide, carbon dioxide. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Pelargonium Graveolens	Not available		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Eye protection such as safety goggles or glasses should be worn while using.
Inhalation: In case of insufficient ventilation, use suitable respiratory protective equipment. Recommended filter type: P
Body: Wear impermeable gloves. Wear appropriate protective clothing.
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light yellow, easily moveable fluid	Vapor Pressure:	No data available
Odor:	Floral, characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Light yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	>70.0 °C
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Insoluble
Relative Density:	0.8790-0.8880	Auto-Ignition Temperature:	No data available



SDS (Safety Data Sheet)

Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available
% Volatile by Volume:	No data available	Ester Number:	110-150
Solubility in Plant Oils:	Soluble	Acid Number:	To 1.0
Refractive Index:	1.4590-1.4630	Angle of Rotation:	-6.8 to -10.0

10 STABILITY AND REACTIVITY

Reactivity:	Stable under recommended storage conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available
Conditions to Avoid:	Strong heat.
Incompatible Materials:	Acids, alkalis.
Hazardous Decomposition Products:	No data available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	
Skin:	LD50: 5.040 mg/kg. May cause skin irritation in susceptible persons.
Eyes:	Irritating to eyes
Respiratory:	No data available
Ingestion:	LD50: 5.40 mg/kg. LD50: 6730 mg/kg.
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	LC50: 440-760 mg/L Pasteur, 96h
Aquatic Invertebrate:	EC50: ~120 mg/L Daphnia magna, 72h ECO: 640 mg/L Scenedesmus quadricauda (green algae), 168h ECO: >10,000 mg/L Pseudomonas putida
Terrestrial:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	Fully soluble. Does not accumulate in a biological environment.
Mobility in Soil:	Mobile in an aquatic environment.
PBT and vPvB Assessment:	This product does not contain substances that are considered to be highly persistent or vPvB accumulative. This product does not contain substances that are considered persistent, accumulative or toxic PBT.
Other Adverse Effects:	No data available



13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good
IATA (International Air Transport Association):	Not regulated as a dangerous good
ICAO (International Civil Aviation Organization):	Not regulated as a dangerous good

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
New Zealand NZIoC:	No data available

16 OTHER INFORMATION

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

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