



## Cannafloria Essentials™

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24 HOUR EMERGENCY: CHEMTREC 800-424-9300  
INTERNATIONAL EMERGENCY: CHEMTREC 703-527-3887  
OTHER INFORMATION: 800-424-0034

### 1. PRODUCT IDENTIFICATION

<b>ITEM NUMBER:</b>	52405	<b>CAS NUMBER:</b>	8000-46-2
<b>DESCRIPTION:</b>	ORGANIC GERANIUM OIL	<b>FEMA NUMBER:</b>	2508
<b>BOTANICAL NAME:</b>	Pelargonium Graveolens	<b>FDA NUMBER:</b>	182.2

### 2. HAZARD IDENTIFICATION

#### Hazard Pictograms:



**Signal word:** DANGER

HAZARD TYPE H CODE	HAZARD STATEMENT
AH 1	H304 May be fatal if swallowed and enters airways.
EH A2	H401 Toxic to aquatic life.
EH C3	H412 Harmful to aquatic life with long-lasting effects.
FL 4	H227 Combustible liquid.
SCI 2	H315 Causes skin irritation.
SS 1	H317 May cause an allergic skin reaction.

P CODE	PRECAUTIONARY STATEMENT
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P331	Do NOT induce vomiting.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CLASSIFICATION	CAS NUMBER	PERCENTAGE
ALPHA-PINENE	EH A1,EH C1,SCI 2,SS 1B	80-56-8	0.1-1%
BETA-PINENE	EH A1,EH C1,SCI 2,SS 1B	127-91-3	0.1-1%
CITRONELLYL FORMATE	SCI 3	105-85-1	5-10%
CITRONELLYL TIGLATE	SCI 3	24717-85-9	5-10%
D,L-ISOMENTHONE	EH A3,SCI 2,SS 1B	491-07-6	5-10%
GERANIOL	EDI 1,EH A3,SCI 2,SS 1	106-24-1	10-25%
GERANYL BUTYRATE	SCI 3	106-29-6	5-10%
GERANYL FORMATE	SCI 3	105-86-2	5-10%
GERANYL TIGLATE	SCI 3	7785-33-3	1-5%
L-CITRONELLOL	EDI 2A,EH A2,SCI 2,SS 1B	7540-51-4	10-25%

INGREDIENT(S)	CLASSIFICATION	CAS NUMBER	PERCENTAGE
L-LIMONENE	EH A1,EH C1,SCI 2,SS 1B	5989-54-8	0.1-1%
LINALOOL	EDI 2A,EH A3,SCI 2	78-70-6	10-25%
TERPINOLENE	EH A1,EH C1,SCI 3,SS 1B	586-62-9	0.1-1%

#### 4. FIRST AID MEASURES

EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS.

SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL AID IF IRRITATION OF SYMPTOMS OCCURS.

INHALATION: REMOVE FROM EXPOSURE AND MOVE TO FRESH AIR IMMEDIATELY. GET MEDICAL ASSISTANCE IF COUGH OR OTHER SYMPTOMS APPEAR.

#### 5. FIREFIGHTING MEASURES

UPPER EXPLOSION LEVEL: N/A LOWER EXPLOSION LEVEL: N/A

EXTINGUISHING MATERIAL: CO<sub>2</sub>, DRY POWDER OR FOAM TYPE EXTINGUISHERS

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

#### 6. ACCIDENTAL RELEASE MEASURES

PROCEDURE: REMOVE ANY SOURCE OF FLAME OR SPARKS. IF IN A CONFINED AREA NIOSH APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED. REMOVE INDIVIDUALS FROM THE AREA IF THEY DO NOT HAVE RESPIRATORY/DUST PROTECTION. SPRAY MATERIAL WITH WATER TO PREVENT DUSTING AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. FOLLOW FEDERAL, STATE AND LOCAL PROCEDURES FOR CLEANING UP OF POWDER. DISPOSE OF IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.

#### 7. PRECAUTIONS FOR SAFE HANDLING AND USE

HANDLE ACCORDING TO GOOD SAFETY PROCEDURES, AVOIDING UNNECESSARY EXPOSURE BY WEARING APPROPRIATE PROTECTIVE GEAR FOR THE SITUATION. STORE IN FULL CLOSED CONTAINERS IN A COOL DRY AREA AWAY FROM HEAT, LIGHT AND SOURCES OF IGNITION.

#### 8. EXPOSURE CONTROL / PPE

EYES: MAY BE IRRITATING

SKIN: MAY BE IRRITATING

RESPIRATORY: RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED IN WELL VENTILATED AREAS. HOWEVER, APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED WHEN THE MATERIAL IS RATED TOXIC BY INHALATION OR IF THE MATERIAL IS TO BE USED IN A CONFINED AREA.

OSHA PERMISSIBLE EXPOSURE LIMIT (PEL): N/F

OSHA THRESHOLD LIMIT VALUE (TLV): N/F

#### 9. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:	LIQUID
APPEARANCE:	YELLOW/AMBER TO YELLOW LIQUID
ODOR:	CHARACTERISTIC SWEET, FLORAL, FRESH, GREEN
REFRACTIVE INDEX:	1.470
SPECIFIC GRAVITY:	.8902
SOLUBILITY:	INSOLUBLE
pH:	N/A
VAPOR PRESSURE(mmHg @20c):	
VAPOR DENSITY:	N/A
FLASH POINT(°C CLOSED CUP):	80.000
MELTING POINT(°C):	N/A

<b>BOILING POINT(°C):</b>	197.0
<b>AUTO-IGNITION TEMPERATURE(°C):</b>	N/A
<b>DECOMPOSITION TEMPERATURE(°C):</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>ODOR THRESHOLD:</b>	N/A
<b>VISCOSITY(cP):</b>	N/A
<b>% VOC:</b>	13.1

## 10. REACTIVITY DATA

<b>CHEMICAL STABILITY:</b>	Y
<b>SUBSTANCES TO BE AVOIDED:</b>	STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	CARBON MONOXIDE, CARBON DIOXIDE

## 11. TOXICOLOGICAL INFORMATION

<b>LD50(ORAL):</b>	N/A
<b>LD50(DERMAL):</b>	N/A
<b>LD50:</b>	N/A
<b>MUTAGENICITY:</b>	N/A
<b>CARCINOGENICITY:</b>	N/A
<b>REPRODUCTIVE TOXICITY:</b>	N/A

## 12. ECOLOGICAL INFORMATION

<b>ACUTE AQUATIC TOXICITY:</b>	N/A
<b>PERSISTENCE AND DEGRADABILITY:</b>	N/A
<b>BIOCONCENTRATION FACTOR:</b>	N/A
<b>MOBILITY IN SOIL:</b>	N/A
<b>RESULTS OF PBT AND VPVB ASSESSMENT:</b>	N/A
<b>OTHER ADVERSE EFFECTS:</b>	

## 13. DISPOSAL CONSIDERATIONS

TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

## 14. TRANSPORT INFORMATION

<b>HTS#:</b>	3301.29.5116
<b>UN/NA ID#:</b>	N/A
<b>DOT:</b>	NOT REGULATED
<b>HAZARD CLASS:</b>	N/A
<b>PACKING GROUP:</b>	N/A
<b>IMO:</b>	NOT REGULATED
<b>IATA:</b>	NOT REGULATED

## 15. REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS

**RISK PHRASES:** Harmful by inhalation and if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact.

**SAFETY PHRASES:** Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

CAL PROP 65: NO  
EPA TSCA: LISTED  
SARA TITLE 3: NO

## 16. ADDITIONAL INFORMATION

The information contained in this Material Safety Data Sheet was obtained from current and reputable sources. However this data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.

DATE: 20180307  
REVISED DATE: 20180307