

## SAFETY DATA SHEET

Revision date: 12/16/2025

### SECTION 1: PRODUCT / SUBSTANCE IDENTIFICATION

<b>1.1</b>	<b>PRODUCT IDENTIFIER</b>	:	Geranium Essential Oil
	<b>CHEMICAL NAME</b>	:	<i>Pelargonium graveolens</i>
	<b>CAS NUMBER</b>	:	8000-46-2
	<b>EC NUMBER</b>	:	290-140-0

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE

##### IDENTIFIED USES

Industrial uses. Formulation [mixing] of preparations. Do not ingest as such.

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

<b>SUPPLIER</b>	:	Handcraft Blends
<b>ADDRESS</b>	:	1900 Glades Rd. Fl 4 Suite 500-26, Boca Raton, Florida 3341-7378
<b>TELEPHONE NUMBER</b>	:	438-506-9497
<b>EMERGENCY NUMBER</b>	:	438-509-7276

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

##### GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 4), H227

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 2.2 LABEL ELEMENTS

### PICTOGRAM



**SIGNAL WORD** : Warning

### HAZARD STATEMENTS

**H227** : Combustible liquid  
**H315** : Causes skin irritation  
**H319** : Causes serious eye irritation.

### PRECAUTIONARY STATEMENTS

**P210** : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P264** : Wash skin thoroughly after handling.

**P280** : Wear protective gloves/ protective clothing/ eye protection/ face protection.

**P302+ P352** : IF ON SKIN: Wash with plenty of soap and water.

**P305 + P351 + P338** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P321** : Specific treatment (see supplemental first aid instructions on this label).

**P332 + P313** : If skin irritation occurs: Get medical advice/ attention

**P337 + P313** : If eye irritation persists: Get medical advice/ attention

**P362** : Take off contaminated clothing and wash before reuse.

**P370 + P378** : In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

**P403 + P235** : Store in a well-ventilated place. Keep cool.

P501 : Dispose of contents/ container to an approved waste disposal plant.

## 2.3 HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCES

CAS-NO : 8000-46-2

EC-NO : 290-140-0

#### HAZARD COMPONENTS

COMPONENT	CLASSIFICATION	CONCENTRATION
GERANIUM OIL		
	Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2A; H227, H315, H319	100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION: 4 FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

#### GENERAL ADVICE

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### IF INHALED

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### IN CASE OF SKIN CONTACT

Wash off with soap and plenty of water. Consult a physician.

#### **IN CASE OF EYE CONTACT**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### **IF SWALLOWED**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### **4.2 MOST IMPORTANT SYMPTOM AND EFFECTS, BOTH ACUTE AND DELAYED**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### **4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Not available.

### **SECTION 5: FIRE FIGHTING MEASURES**

#### **5.1 EXTINGUISHING MEDIA**

##### **SUITABLE EXTINGUISHING MEDIA**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

No data available

#### **5.3 ADVICE FOR FIREFIGHTERS**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **5.4 FURTHER INFORMATION**

Use water spray to cool unopened containers.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

For personal protection see section 8.

## **6.2 ENVIRONMENTAL PRECAUTIONS**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## **6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

## **6.4 REFERENCE TO THE OTHER SECTIONS**

For disposal see section 13

# **SECTION 7: HANDLING AND STORAGE**

## **7.1 PRECAUTIONS FOR SAFE HANDLING**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.  
For precautions see section 2.2.

## **7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature 2 - 8 °C

## **7.3 SPECIFIC END USE(S)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

# **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

## **8.1 CONTROL PARAMETERS**

### **COMPONENTS WITH WORKPLACE CONTROL PARAMETERS**

COMPONENT	CAS-NO.	VALUE	CONTROL PARAMETERS	BASIS
Geranium oil	8000-46-2	TWA	10.000000 mg/m <sup>3</sup>	USA. NIOSH Recommended Exposure Limits

		TWA	5.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
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## 8.2 EXPOSURE CONTROLS

### APPROPRIATE ENGINEERING CONTROLS

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### PERSONAL PROTECTIVE EQUIPMENT

#### EYE/FACE PROTECTION

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### SKIN PROTECTION

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### BODY PROTECTION

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### RESPIRATORY PROTECTION

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### CONTROL OF ENVIRONMENTAL EXPOSURE

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

a)	APPEARANCE		
	FORM	:	LIQUID
	COLOR	:	YELLOW
b)	ODOUR	:	No data available
c)	ODOUR THRESHOLD	:	No data available
d)	pH	:	No data available
e)	MELTING POINT/FREEZING POINT	:	No data available
f)	INITIAL BOILING POINT AND BOILING RANGE	:	197 °C (387 °F) – lit.
g)	FLASH POINT	:	64 °C (147 °F) - closed cup
h)	EVAPORATION RATE	:	No data available
i)	FLAMMABILITY (SOLID, GAS)	:	No data available
j)	UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	:	No data available
k)	VAPOUR PRESSURE	:	No data available
l)	VAPOUR DENSITY	:	No data available
m)	RELATIVE DENSITY	:	0.887 g/cm <sup>3</sup> at 25 °C (77 °F)
n)	WATER SOLUBILITY	:	No data available
o)	PARTITION COEFFICIENT: N- OCTANOL/WATER	:	No data available
p)	AUTO-IGNITION TEMPERATURE	:	No data available
q)	DECOMPOSITION TEMPERATURE	:	No data available
r)	VISCOSITY	:	No data available
s)	EXPLOSIVE PROPERTIES	:	No data available
t)	OXIDIZING PROPERTIES	:	No data available

### 9.2 OTHER SAFETY INFORMATION

No data available.

## SECTION 10: STABILITY AND REACTIVITY



#### **10.1 REACTIVITY**

Not available

#### **10.2 CHEMICAL STABILITY**

Stable under normal operating conditions.

#### **10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

Not available

#### **10.4 CONDITIONS TO AVOID**

Heat, flames, and sparks.

#### **10.5 INCOMPATIBLE MATERIALS**

Strong oxidizing agents

#### **10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

Other decomposition products - No data available In the event of fire: see section 5

### **SECTION 11: TOXILIGICAL INFORMATION**

#### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

##### **ACUTE TOXICITY**

No data available

##### **INHALATION**

No data available

##### **DERMAL**

No data available

##### **SKIN IRRITATION/CORROSION**

Skin – Rabbit

##### **SERIOUS EYE IRRITATION/DAMAGE**

No data available

##### **RESPIRATORY OR SKIN SENSITIZATION**





No data available

#### GERM CELL MUTAGENICITY

No data available

#### CARCINOGENICITY

**IARC** : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH** : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**NTP** : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA** : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

#### REPRODUCTIVE TOXICITY

No data available

#### STOT-SINGLE EXPOSURE

Inhalation - May cause respiratory irritation.

#### STOT-REPEATED EXPOSURE

No data available

#### ASPIRATION HAZARD

No data available

#### ADDITIONAL INFORMATION

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1</b>	<b>TOXICITY</b>	: Not determined
<b>12.2</b>	<b>PERSISTENCE AND DEGRADABILITY</b>	: Not available
<b>12.3</b>	<b>BIOACCUMULATIVE POTENTIAL</b>	: Not determined
<b>12.4</b>	<b>MOBILITY IN SOIL</b>	: N/A
<b>12.5</b>	<b>RESULTS OF PBT AND vPvB ASSESSMENT</b>	: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
<b>12.6</b>	<b>OTHER ADVERSE EFFECTS</b>	: Not determined

## SECTION 13: DISPOSAL CONSIDERATION

### 13.1 WASTE TREATMENT METHODS

#### PRODUCT

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

#### CONTAMINATED PACKAGING

Dispose of as unused product.

## SECTION 14: TRANSPORT INFORMATION

DOT (US)	:	Not dangerous goods
IMDG	:	Not dangerous goods
IATA	:	Not dangerous goods

## SECTION 15: REGULATORY INFORMATION

### SARA 302 COMPONENTS

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 COMPONENTS

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 HAZARDS

Fire Hazard, Acute Health Hazard

### MASSACHUSETTS RIGHT TO KNOW COMPONENTS

No components are subject to the Massachusetts Right to Know Act.

### PENNSYLVANIA RIGHT TO KNOW COMPONENTS

GERANIUM OIL CAS-No. 8000-46-2 REVISION DATE 1989-08-11

### NEW JERSEY RIGHT TO KNOW COMPONENTS

## CALIFORNIA PROP. 65 COMPONENTS

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16: OTHER INFORMATION

### FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.

EYE IRIT.	:	Eye irritation
FLAM. LIQ.	:	Flammable liquids
H227	:	Combustible liquid.
H315	:	Causes skin irritation.
H319	:	Causes serious eye irritation.
SKIN IRIT.	:	Skin irritation.

### HMIS RATING

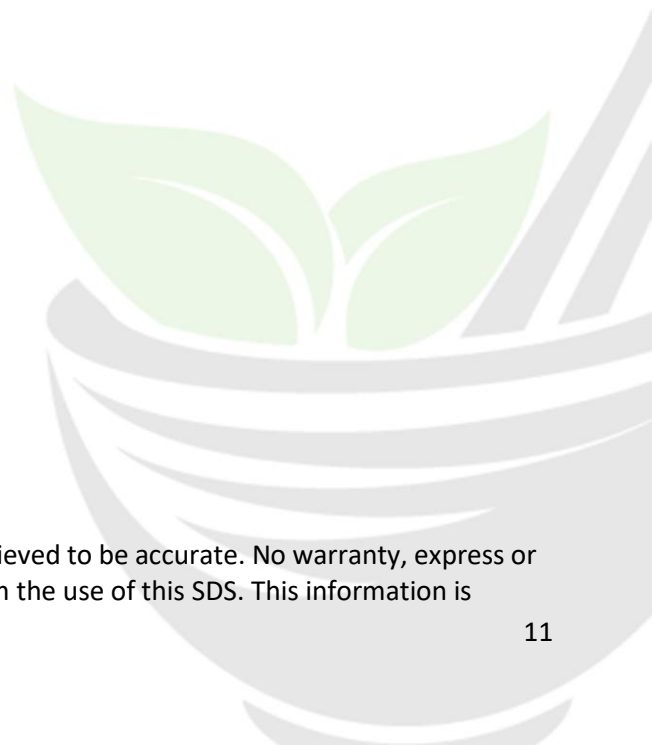
HEALTH HAZARD	:	2
CHRONIC HEALTH HAZARD	:	
FLAMMABILITY	:	2
PHYSICAL HAZARD	:	0

### NFPA RATING

HEALTH HAZARD	:	2
FIRE HAZARD	:	2
REACTIVITY HAZARD	:	0

### FURTHER INFORMATION

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and our company assumes no liability resulting from the use of this SDS. This information is



offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment and must determine suitability of this information for his application.

