



## **Material Safety Data Sheet**

### **1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.**

**Common name: Geranium absolute**

**Latin name: Pelargonum graveolens**

**Process: solvent extraction of geranium leaves from Egypt**

**Supplier: White Lotus Aromatics, Ltd, 941 E. Snowline Drive, Port Angeles WA USA 98362**

**Phone: 360-452-9516 [www.whitelotusaromatics.com](http://www.whitelotusaromatics.com)**

### **2. COMPOSITION / INFORMATION ON INGREDIENTS.**

CAS #: 90082-51-2, 8000-46-2

FEMA #:n/a

HTC #:n/a

### **3. HAZARDS IDENTIFICATION:**

Concentrated product: Do not ingest. Keep away from children and in safe location.

### **4. FIRST-AID MEASURES:**

Inhalation: If headache, nausea, or drowsiness occurs, remove to fresh air and consult a physician

Eye Contact: Remove contact lenses, Flush eyes with cool water for at least 15 minutes. If irritation persists, consult a physician.

Skin Contact: Remove contaminated clothing and shoes. Wash effected area thoroughly with soap and water. Consult a physician if symptoms persist.



Ingestion: If conscious and can swallow, given water to dilute and consult a physician or poison control center immediately

## **5. FIRE FIGHTING MEASURES.**

Extinguishing media: Use CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying recommended: extinguishing media to base of flames. Do not use direct water jet on burning material.

Special measures: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

Extinguishing procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## **6. ACCIDENTAL RELEASE MEASURES.**

Procedures in Case of Accidental Release, Breakage or Leakage: Remove any source of ignition. If in confined area, use NIOSH approved respiratory protection and other protective equipment. Absorb the spilled material with vermiculite or other absorbent material. Avoid inhaling vapor. Avoid contact with skin, eyes and clothing. Dispose of material in accordance with local, state, and federal laws and regulations.

## **7. HANDLING & STORAGE.**

Precautions in handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

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

Fire protection: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.



## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION.**

Respiratory protection: Avoid breathing product vapor. Apply local ventilation where possible.

Ventilation: Ensure good ventilation of working area.

Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.

Eye protection: Use safety glasses.

Work/Hygiene practices: Wash hands with soap & water after handling.

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## **9. PHYSICAL & CHEMICAL PROPERTIES.**

Color/Appearance: dark green to brown liquid

Odor: green, leafy , rose, herbaceous

Flash point: . 169F/76C

Specific gravity/density (at 68F/20C): 0.9140 to 0.9340

Refractive index (at 68F/20C):n/a

Optical rotation (at 68F/20C):n/a

## **10. STABILITY & REACTIVITY.**

Protect from light and air

Avoid sources of ignition

Avoid contact with strong acids, alkali or oxidizing agents

Usually stable



#### **11. TOXICOLOGICAL INFORMATION**

n/a

#### **12. ECOLOGICAL INFORMATION.**

Do not allow to enter water, waste water or soil.

#### **13. DISPOSAL CONSIDERATIONS.**

Dispose in accordance with state, local and federal regulations

#### **14. TRANSPORT REGULATIONS.**

Ground Shipping (USDOT): Not regulated

Air Shipping (IATA): Not Regulated

Ocean Shipping (IMDG): Not Regulated

#### **15. REGULATORY INFORMATION.**

n/a

#### **16. OTHER INFORMATION**

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