

01060-1394

**SAFETY DATA SHEET (SDS)**

Prepared in accordance with U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System (GHS), Revision 9

Revision Date: 11 July 2025

1. IDENTIFICATION

Product Identifier: Balsam Essential Oil Medium (SKU 530-365)

Recommended Use: Artist oil-painting medium for modifying viscosity, gloss, and aroma. Not intended for human or veterinary consumption.

Manufacturer/Supplier: Natural Pigments, LLC | 291 Shell Lane, Willits, CA 95490 USA | +1-707-459-9998 (business)

Emergency Telephone (24 h): +1-800-424-9300 (CHEMTREC US) | +1-703-527-3887 (International)

2. HAZARD(S) IDENTIFICATION

GHS Classification of the mixture:

- Flammable Liquid, Category 3 (H226)
- Skin Irritation, Category 2 (H315)
- Skin Sensitization, Category 1 (H317)
- Hazardous to the Aquatic Environment – Chronic, Category 2 (H411)

Label Elements (GHS):

Pictograms:



Signal Word:	<i>Warning</i>
Hazard Statements:	H226 Flammable liquid and vapor. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long-lasting effects.
Precautionary Statements:	Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection.
	Response: P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice. P321 Specific treatment (see Section 4). P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use carbon dioxide, dry chemical, foam, or water fog to extinguish.
	Storage: P403+P235 Store in a well-ventilated place. Keep cool.
	Disposal: P501 Dispose of contents/container in accordance with local regulations.

Other Hazards: Oil-soaked rags may self-heat and spontaneously combust. Essential-oil vapors may cause respiratory irritation at high concentrations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	GHS Classification*
Spike lavender essential oil (Lavandula latifolia)	8016-78-2	15–35	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2

Proprietary non-hazardous ingredients (bodied linseed oil, Canada balsam)	Trade secret	Balance	Not classified
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*Classification of individual components per available supplier SDS data.

4. FIRST-AID MEASURES

- **Inhalation:** Move person to fresh air. If symptoms (coughing, dizziness) persist, seek medical attention.
- **Skin Contact:** Remove contaminated clothing. Wash with plenty of soap and water. If irritation or rash develops, seek medical advice.
- **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth. Do *not* induce vomiting. Call a poison center or physician if feeling unwell.

Most Important Symptoms/Effects: Skin redness, irritation, or allergic dermatitis; mild respiratory irritation from vapor.

5. FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Alcohol-resistant foam, dry chemical, carbon dioxide, water spray/fog.
- **Unsuitable Media:** Water jet may spread burning liquid.
- **Specific Hazards:** Vapors may form explosive mixtures with air. Closed containers may rupture when exposed to heat.
- **Protective Equipment for Firefighters:** Self-contained breathing apparatus and full protective gear.

Flash Point (closed cup): ~45 °C (113 °F)

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Eliminate ignition sources. Provide adequate ventilation. Wear protective equipment.
 - **Containment/Clean-up:** Absorb with inert material (sand, vermiculite). Collect into sealed, grounded containers for disposal. Wash spill area with detergent. Prevent entry into waterways.
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7. HANDLING AND STORAGE

- Keep away from heat, sparks, open flames, and hot surfaces.
 - Ground/bond transfer and dispensing equipment.
 - Store tightly closed in a cool ($\leq 25^{\circ}\text{C}$), well-ventilated place in approved, flame-resistant containers.
 - Immerse or seal oil-contaminated rags in water-filled metal containers until disposal.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No specific OSHA PELs or ACGIH TLVs established for spike lavender oil. Treat vapors as nuisance total hydrocarbons (recommended 100 ppm TWA).

Engineering Controls: Local exhaust or general dilution ventilation to keep vapor concentration below flammable limits (< 60 ppm, typical).

Personal Protective Equipment:

- **Eye/Face:** Safety goggles or glasses with side shields.
 - **Skin:** Nitrile gloves; apron for repeated exposure.
 - **Respiratory:** Not normally required under routine use; use NIOSH-approved organic-vapor respirator if ventilation is inadequate or during large-scale spill response.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, light amber, mobile liquid
Odor	Aromatic resinous & floral (lavender)
pH	Not applicable
Melting/Freezing Point	< -10 °C
Initial Boiling Point	> 180 °C
Flash Point (CC)	~45 °C
Evaporation Rate	Slow
Flammability	Combustible, Category III
Vapor Pressure	< 3 mm Hg @ 25 °C
Relative Density	0.94–0.97 (water = 1)
Solubility (water)	Negligible; floats on water
Partition Coefficient (log K _{ow})	> 3 (estimated)
Auto-ignition Temperature	> 250 °C
Viscosity	400–800 cP @ 25 °C

10. STABILITY AND REACTIVITY

- **Reactivity:** Presents no significant reactivity hazard under normal conditions.
- **Chemical Stability:** Stable at ambient temperatures.
- **Hazardous Reactions:** None known.
- **Conditions to Avoid:** Heat, open flames, sparks, static discharge.
- **Incompatible Materials:** Strong oxidizing agents, acids, alkalis.
- **Hazardous Decomposition Products:** CO, CO₂, aldehydes, smoke.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin contact, inhalation of vapors, accidental eye contact.

Endpoint	Result
Acute Oral Toxicity (ATE)	> 5 g/kg (estimated – mixture)
Acute Dermal Toxicity (ATE)	> 5 g/kg (estimated)
Skin Corrosion/Irritation	Causes skin irritation (Category 2)
Serious Eye Damage/Irritation	May cause mild eye irritation
Skin Sensitization	Contains linalool, linalyl acetate – may cause allergic skin reaction
Carcinogenicity	Not listed by IARC, NTP, OSHA
Reproductive/Developmental	No data indicating effects

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long-lasting effects (due to spike oil terpene content). Do not discharge into drains or waterways.

Parameter	Value
EC ₅₀ (Daphnia magna, 48 h)	5–10 mg/L (for lavender oil)
BOD/COD	Readily biodegradable
Bioaccumulation	Potential due to high log K _{ow}

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local, state, and federal regulations. Incineration in an approved facility is the preferred method. Do not pour into drains or surface water.

14. TRANSPORT INFORMATION

UN Number:	UN 1993
Proper Shipping Name:	Flammable liquids, n.o.s. (contains spike lavender oil)
Transport Hazard Class:	3
Packing Group:	III
Marine Pollutant (IMDG):	Yes (lavender oil)
ERG Guide:	128

15. REGULATORY INFORMATION

- **TSCA:** All components listed or exempt.
- **SARA 311/312:** Fire hazard; Skin sensitization.
- **CERCLA/SARA 302/304:** Not listed.
- **Proposition 65:** This product does not contain chemicals known to the State of California to cause cancer or reproductive harm.
- **WHMIS 2023 (Canada):** Flammable liquids, Category 3; Skin sensitizer.

16. OTHER INFORMATION

This SDS was prepared from currently available component data and describes the product as supplied. No warranty is expressed or implied. Users must determine suitability and safe conditions for each application.

Revision History

- 11 Jul 2025 – Initial issue.