

# MATERIAL SAFETY DATA SHEET

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## SECTION I

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Manufacturer: **PRESERVATION SOLUTIONS, LLC** Emergency Telephone No. **303.642.3060**

Address: 33941 Skyline Drive Golden, CO 80403 U.S.A. FAX: 303.648-6486

Chemical Name & Synonyms: Fragrance materials, fatty acids, and solvents Trade Name: **PINE FRAGRANCE**

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## SECTION II – INGREDIENTS and OTHER COMPOUNDS

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### HAZARDOUS

### TLV UNITS

NONE

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### NON-HAZARDOUS

Trade secret (Proprietary)

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## SECTION III – PHYSICAL DATA

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PH	/ NE
BOILING POINT (°F) HIGHER THAN	/ 375 degrees F
VAPOR PRESSURE (mm Hg)	/ NE
VAPOR DENSITY (AIR = 1)	/ NE
SOLUBILITY IN WATER	/ slightly soluble
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	/ 0.89
PERCENT VOLATILE BY WEIGHT (%)	/ 88%
EVAPORATION RATE (EE = 1)	/ NE
LBS. PER GALLON	/ 7.2
APPEARANCE and ODOR:	/ clear color with pine and balsam fir odor

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## SECTION IV – FIRE and EXPLOSION HAZARD DATA

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FLASH POINT: CLEVELAND OPEN CUP (C.O.C.) over 210 degrees F  
FLAMABLE LIMITS: LeL: NE UeL: NE  
EXTINGUISHING MEDIA: Water spray (fog), dry chemical, or carbon dioxide  
SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective  
UNUSAL FIRE and EXPLOSION HAZARDS: Dense smoke may be generated while burning. Carbon Monoxide, Carbon Dioxide, and other oxides may be generated.

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## SECTION V – HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE: NE

EFFECTS OF OVEREXPOSURE: NE

EMERGENCY and FIRST AID PROCEDURES: If contact is made with eyes or skin, flush with plenty of water for 15 minutes or until irritation subsides. If irritation persists, contact a physician.

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## SECTION VI – REACTIVITY DATA

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STABILITY: STABLE / yes  
UNSTABLE / no  
CONDITIONS TO AVOID / none

INCOMPATIBILITY (Materials to avoid): May react with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: none

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR / yes  
MAY OCCUR / no  
CONDITIONS TO AVOID / none

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## SECTION VII – SPILL or LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dam or confine spill. Absorb with drying materials (sand, sawdust, etc.) and place in drum for purpose of disposal. Flush remaining traces with water.

WASTE DISPOSAL METHOD: Contact appropriate local agency for the list of proper land fill sites.

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## SECTION VIII – SPECIAL PROTECTION INFORMATION

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RESPIRATORY PROTECTION (SPECIFY TYPE): / no  
VENTILATION: / yes  
LOCAL EXHAUST: / yes  
MECHANICAL (GENERAL): / no  
PROTECTIVE GLOVES: / yes  
SPECIAL: / no  
OTHER: / no  
EYE PROTECTION: / yes  
OTHER PROTECTIVE EQUIPMENT: / apron

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## SECTION XI – SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING and STORING: Use in well ventilated area. Do not use or store near open flame, sparks, or direct heat source.

OTHER PRECAUTIONS: Use proper hygiene after handling product.

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## SECTION X – TOXICOLOGICAL INFORMATION

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Specific toxicity tests have not been conducted on this product. Our evaluation is based on information from the components of this product.

No component of this product is identified as a carcinogen by NTP, IARC or OSHA