

**Safety Data Sheet**

Version 1.0

Product Name: *SP-11*®

Revision Date: 8-Apr-2016

**1. Identification of Product and Company**

Preservation Solutions, LLC  
33941 Skyline Drive  
Golden, CO 80403

Emergency Telephone: 303.642.3060  
Fax: 303.648.6468

Product Name: **SP-11**®  
Product Use: Waterlogged wood treatment

**2. Hazards Identification**

**Emergency Overview**

Appearance: Liquid, Amber Brown Color, Light Odor  
Non-hazardous

**GHS Classification**

Flammable Liquids	Category 0
Skin Irritation	Category 2
Eye Irritation	Category 1
Aspiration Hazard	Category 0
Inhalation	Category 0

0 = Not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

**GHS Label Element**

Hazard Pictograms:



Irritant

Single Word: Warning  
Hazard Statements: Physical Hazards: None  
H316 Causes mild skin irritation  
H320 Causes eye irritation

Precautionary Statements:  
P264 Wash affected areas thoroughly after handling  
P280 Wear protective gloves and eye protection

**Potential Health Effects**

**Eyes:** May cause mild eye irritation with stinging, redness and tearing.  
**Skin:** May cause slight skin irritation. Prolonged contact may dry skin.

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**Inhalation:** No harmful fumes. Move to fresh air.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**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.

**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.

**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.

**Keep out of the reach of children**

**3. Confirmation/Information on Ingredients**

**Chemical Characterization:** Mixture

Components	CAS-No	% Concentration
Distillates (petroleum), hydrotreated light	64742-47-8	40-50%

Proprietary formula.

**4. First-Aide Measures**

**Eye Contact** Remove contact lenses. Rinse thoroughly with plenty of water including under the eyelids. If symptoms persist, call a physician.

**Skin Contact** Wash exposed area with soap and water. Remove contaminated clothing. If symptoms persist, call a physician.

**Inhalation** If symptoms develop, move to fresh air. If symptoms persist, call a physician.

**Ingestion** Contact a physician. Do not induce vomiting.

**5. Fire Fighting Measures**

**Suitable Extinguishing Agents:** Dry chemical, Carbon dioxide (CO2)

**Unsuitable Extinguishing Agents:** Water

**Special Hazards Arising from the Substance:** No further relevant information available

**Advice for Firefighters:** Do not allow run-off from fire fighting to enter drains or water courses



### 6. Accidental Release Measures

**Personal Precautions:** Ensure adequate ventilation. Eliminate all ignition sources (flames, electrical sparks). Use personal protective equipment (goggles, gloves, adequate clothing)

**Environmental Precautions:** Prevent spreading over a wide area by containment or barriers. Do not let product enter drains, sewage system or ground water.

**Methods for Cleaning Up:** Absorb with liquid binding material (sand, earth, diatomite, sawdust). Allow to solidify and shovel into a container for disposal according to local regulations.

**Reference to Other Sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7. Handling and Storage

**Precautions for Safe Handling**      Ensure good ventilation at the workplace.  
Avoid contact with skin and eyes. Gloves and splash proof safety glasses should be worn.  
Smoking, eating and drinking should be prohibited in work area.  
Wash hands forearms and face thoroughly after handling the product.

**Storage:**            Store in a cool, dry, area.  
Keep container tightly closed.  
Keep from freezing or overheating.

### 8. Exposure Controls/Personal Protection

**Engineering Measures:**      Ensure adequate ventilation  
**Eye/Face Protection:**      Not required under normal conditions of use. Wear splash proof safety goggles if splashes are likely to occur. Eye wash bottle with pure water.  
**Respiratory Protection:**    No respiratory protective equipment required  
**Hand Protection Remarks:** Protective gloves should be worn to prevent skin irritation.  
**Skin/Body Protection:**      Wear protective gloves/clothing. Launder clothing before reuse.  
**Hygiene Measures:**          Do not eat, drink or smoke when using the product. Wash hands before breaks and at the end of the day.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Color</b>	Light Amber Brown
<b>Odor</b>	Slight Odor
<b>pH</b>	2.5-3.5
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Does not freeze solid
<b>Boiling Point</b>	280°F (Higher than)
<b>Flash Point</b>	>260°F
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Burning Rate</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Solubility in Water</b>	Soluble
<b>Percent Volatile by Weight</b>	32-33% (14-15% H <sup>2</sup> O)
<b>Specific Gravity</b>	0.92
<b>Viscosity</b>	25.65 (ASTM D445) @ 40°C, cSt
<b>Lbs. per Gallon</b>	7.5

## 10. Stability and Reactivity

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use
<b>Chemical Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	Avoid contact with direct heat, flames or sparks
<b>Incompatible Products</b>	Avoid contact with strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced

## 11. Toxicological Information

<b>Eyes</b>	Eye irritation
<b>Skin</b>	Skin irritation
<b>Ingestion</b>	No data available
<b>Inhalation</b>	No known significant effects or critical hazards
<b>Chronic Toxicity</b>	No data available
<b>Acute Toxicity</b>	No known significant effects or critical hazards
<b>Carcinogenicity</b>	Not classified as a human carcinogen



### 12. Ecological Information

<b>Biodegradability</b>	Material is readily biodegradable
<b>Water Hazard</b>	Slightly hazardous for water. Do not allow undiluted product in large quantities to reach ground water, water course or sewage system.
<b>Acute Aquatic Toxicity</b>	Large quantities toxic to fish.
<b>Stability in Soil</b>	Absorbs on soil.
<b>Additional Information</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### 13. Disposal Considerations

<b>Waste Disposal Method</b>	Dispose of product in accordance with all applicable local, state and federal regulations. Do not re-use empty containers.
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### 14. Transport Information

<b>Hazardous Class</b>	None
<b>DOT</b>	Not regulated as a dangerous good
<b>ICAO</b>	Not regulated as a dangerous good
<b>IATA</b>	Not regulated as a dangerous good
<b>IMDG</b>	Not regulated as a dangerous good

### 15. Regulatory Information

**OSHA Hazards** Non-flammable, light skin irritation and light eye irritation

**SARA 311/312 Classification**

Acute Health Hazard	No
Fire Hazard	No
Chronic Health Hazard	No

**SARA 313 Components**

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

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

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**Clean Water Act**

This product does not contain any hazardous substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any hazardous chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3

This product does not contain toxic pollutants listed under the U.S. Clean Water Act, Section 307

**U. S. State Regulations**

**Massachusetts Right to Know**

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

**Pennsylvania Right to Know**

64742-47-8 Distillates (pet), hydrotreated light 0-100%

64742-96-7 Solvent naphtha (petroleum), heavy aliph 0-100%

**New Jersey Right to Know**

64742-47-8 Distillates (pet), hydrotreated light 0-100%

64742-96-7 Solvent naphtha (petroleum), heavy aliph 0-100%

**California Prop. 65**

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

Approved by Air Resources Board of California

Approved by Health Canada

**16. Other Information**

**Revision Date:** 8-Apr-2016  
**Prepared By:** Preservation Solutions, LLC  
**Version:** 1.0

**Disclaimer:** The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material named and may not be valid for such material used in combination with any other material or in any process, unless specified here.

<b>Key to Abbreviations and Acronyms used in this Safety Data Sheet</b>			
ACGIH	American Conference of Government Industrial Hygienists	IATA	International Air Transportation Association
DOT	Department of Transportation	ICAO	International Civil Aviation Organization
GHS	Globally Harmonized System	IMDG	International Maritime Dangerous Goods Code
IARC	International Agency on Research for Cancer	OSHA	Occupational Safety & Health Administration