

Section 1. Product and Company Identification

**Product Name** Spruce Oil  
**CAS Number** Mixture

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
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🌐 [parchem.com](http://parchem.com) ✉ [info@parchem.com](mailto:info@parchem.com)

EMERGENCY RESPONSE NUMBER  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

May be fatal if swallowed and enters airways.  
Very toxic to aquatic life.  
Very toxic to aquatic life with long-lasting effects.  
Flammable liquid and vapor.  
Causes skin irritation.  
May cause an allergic skin reaction.

**GHS Label Elements**

**Pictograms:**



**Signal word:** DANGER

**Hazard and precautionary statements**

**HAZARD STATEMENT**

**H304:** May be fatal if swallowed and enters airways.  
**H400:** Very toxic to aquatic life.  
**H410:** Very toxic to aquatic life with long-lasting effects.  
**H226:** Flammable liquid and vapor.  
**H315:** Causes skin irritation.  
**H317:** May cause an allergic skin reaction.

**PRECAUTIONARY STATEMENT**

**P261:** Avoid breathing dust/fumes/gas/mist/vapors/spray.  
**P273:** Avoid release to the environment.



- P280:** Wear protective gloves/protective clothing/eye protection/face protection.  
**P331:** Do NOT induce vomiting.  
**P501:** Dispose of contents/container in accordance with local/regional/national/international regulation.

Section 3. Composition / Information on Ingredients

**Common Name** Spruce Oil  
**CAS Number** Mixture

COMPONENT	CAS NUMBER	CONCENTRATION
LIMONENE	5989-27-5	> 80%

Section 4. First Aid Measures

- EYES:** IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS.  
**SKIN:** IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.  
**INGESTION:** DO NOT INDUCE VOMITING. GET MEDICAL AID IF IRRITATION OF SYMPTOMS OCCURS.  
**INHALATION:** REMOVE FROM EXPOSURE AND MOVE TO FRESH AIR IMMEDIATELY. GET MEDICAL ASSISTANCE IF COUGH OR OTHER SYMPTOMS APPEAR.

Section 5. Firefighting Measures

- UPPER EXPLOSION LEVEL:** N/A  
**LOWER EXPLOSION LEVEL:** N/A  
**EXTINGUISHING MATERIAL:** CO<sub>2</sub>, DRY POWDER OR FOAM TYPE EXTINGUISHERS  
**SPECIAL FIRE FIGHTING PROCEDURES:** WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

Section 6. Accidental Release Measures

**PROCEDURE:** REMOVE ANY SOURCE OF FLAME OR SPARKS. IF IN A CONFINED AREA NIOSH APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED. REMOVE INDIVIDUALS FROM THE AREA IF THEY DO NOT HAVE RESPIRATORY/DUST PROTECTION. SPRAY MATERIAL WITH WATER TO PREVENT DUSTING AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. FOLLOW FEDERAL, STATE AND LOCAL PROCEDURES FOR CLEANING UP OF POWDER. DISPOSE OF IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.

Section 7. Handling and Storage

HANDLE ACCORDING TO GOOD SAFETY PROCEDURES, AVOIDING UNNECESSARY EXPOSURE



BY WEARING APPROPRIATE PROTECTIVE GEAR FOR THE SITUATION. STORE IN FULL CLOSED CONTAINERS IN A COOL DRY AREA AWAY FROM HEAT, LIGHT AND SOURCES OF IGNITION.

Section 8. Exposure Controls / Personal Protection

**EYES:** MAY CAUSE IRRITATION.

**SKIN:** MAY CAUSE IRRITATION.

**RESPIRATORY:** RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED IN WELL VENTILATED AREAS. HOWEVER, APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED WHEN THE MATERIAL IS RATED TOXIC BY INHALATION OR IF THE MATERIAL IS TO BE USED IN A CONFINED AREA.

Section 9. Physical and Chemical Properties

**PHYSICAL STATE:** LIQUID

**APPEARANCE:** COLORLESS TO PALE YELLOW LIQUID

**ODOR:** CHARACTERISTIC, MATCHING THE RETAINER SAMPLE.

**REFRACTIVE INDEX:** 1.471

**SPECIFIC GRAVITY:** 0.855

**SOLUBILITY:** INSOLUBLE

**FLASH POINT (°C CLOSED CUP):** 50.000

**BOILING POINT(°C):** N/A

Section 10. Stability and Reactivity

**CHEMICAL STABILITY:** Y

**SUBSTANCES TO BE AVOIDED:** STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS

**HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON MONOXIDE, CARBON DIOXIDE

Section 11. Toxicological Information

**LD50(ORAL):** N/A

**LD50(DERMAL):** N/A

**LD50:** N/A

**MUTAGENICITY:** N/A

**CARCINOGENICITY:** N/A

**REPRODUCTIVE TOXICITY:** N/A

Section 12. Ecological Information

**ACUTE AQUATIC TOXICITY:** N/A

**PERSISTENCE AND DEGRADABILITY:** N/A

**BIOCONCENTRATION FACTOR:** N/A

**MOBILITY IN SOIL:** N/A



**RESULTS OF PBT AND VPVB ASSESSMENT:** N/A

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**DOT**

**Proper shipping name:** Perfumery products with flammable solvents

**UN:** UN1266

**Class:** 3

**Packing group:** III

**IMO:** PERFUMERY PRODS

**IATA:** PREFUMERY PRODS

Section 15. Regulatory Information

No Information Available.

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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