



Zep Commercial Sales & Service  
 1310 Seaboard Industrial Blvd.  
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 1-888-805-HELP (4357)  
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# Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** Pine Scented Multi-Purpose Cleaner  
**Product code** ZUMPP  
**Date of issue** 06/05/13 **Supersedes** 02/25/09

### Emergency Telephone Numbers

**For MSDS Information:**

Compliance Services 404-352-1680

**For Medical Emergency**

(877) 541-2016 Toll Free - All Calls Recorded

**For Transportation Emergency**

CHEMTREC: (800) 424-9300 - All Calls Recorded  
 In the District of Columbia (202) 483-7616

### Prepared By

Compliance Services  
 1420 Seaboard Industrial Blvd.  
 Atlanta, GA 30318

## Section 2. Hazards Identification

### Emergency overview

\*Hazard Determination System (HDS): Health, Flammability, Reactivity

WARNING!



CAUSES EYE AND SKIN IRRITATION. HARMFUL IF SWALLOWED.

**NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.**

### Acute Effects

### Routes of Entry

Dermal contact. Eye contact. Inhalation. Ingestion.

**Eyes** Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

**Skin** Causes skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

**Inhalation** Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression.

**Ingestion** Harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

**Chronic effects** Contains material which may cause damage to the following organs: liver, upper respiratory tract, central nervous system (CNS). Repeated or prolonged skin contact may produce chronic inflammation or dermatitis, characterized by redness, scaling or itching.

**Carcinogenicity** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

### Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
Alcohols, C12-16, ethoxylated	68551-12-2	1 - 5
Ethanol; Ethyl Alcohol	64-17-5	1 - 5
Pine oil	8002-09-3	1 - 5

## Section 4. First Aid Measures

**Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

**Skin Contact** Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Wash clothing before reuse. If irritation persists, get medical attention.

**Inhalation** If inhaled, remove to fresh air. If irritation persists, get medical attention.

**Ingestion** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A.)



<b>Flash Point</b>	Closed cup: >93.3°C (>200°F) [Tagliabue.]
<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	May burn when exposed to flame or high temperature.
<b>Fire hazard</b>	In a fire or if heated, a pressure increase will occur and the container may burst. May emit toxic fumes under fire conditions.
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for the surrounding fire. Fire-fighters should wear appropriate protective equipment. Do not release runoff from fire to drains or watercourses.

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Put on appropriate personal protective equipment (see section 8). Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Do not ingest. Do not reuse container. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed and sealed until ready for use. Keep container in a cool, well-ventilated area. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection**

<b>Product name</b>	<b>Exposure limits</b>
Ethanol; Ethyl Alcohol	<b>ACGIH TLV (United States, 2/2010).</b> STEL: 1000 ppm 15 minute(s).
	<b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 1000 ppm 8 hour(s). TWA: 1900 mg/m <sup>3</sup> 8 hour(s).
	<b>NIOSH REL (United States, 6/2009).</b> TWA: 1000 ppm 10 hour(s). TWA: 1900 mg/m <sup>3</sup> 10 hour(s).
	<b>OSHA PEL (United States, 6/2010).</b> TWA: 1000 ppm 8 hour(s). TWA: 1900 mg/m <sup>3</sup> 8 hour(s).

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Recommended: Safety glasses.	
<b>Body</b>	Wear appropriate protective clothing to prevent skin contact. Recommended: Rubber gloves. Neoprene gloves.	
<b>Respiratory</b>	A respirator is not needed under normal and intended conditions of product use.	

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Color</b>	Clear. Amber.
<b>pH</b>	10 to 11	<b>Odor</b>	Pine.
<b>Boiling Point</b>	Not available.	<b>Vapor Pressure</b>	Not available.
<b>Specific Gravity</b>	1	<b>Vapor Density</b>	Not available.
<b>Solubility</b>	Easily soluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	Not available.
		<b>VOC (Consumer)</b>	3 % (w/w) 0.25 lbs/gal (30 g/l)

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Reactive or incompatible with the following materials: oxidizing materials.
<b>Hazardous Polymerization</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	carbon oxides (CO, CO <sub>2</sub> ), sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> etc.)

**Section 11. Toxicological Information****Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Pine oil	LD50 Dermal	Rabbit	5 g/kg	-
	LD50 Oral	Rat	2.1 g/kg	-
Alcohols, C12-16, ethoxylated	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Oral	Rat	2140 mg/kg	-
ethanol	LC50 Inhalation Vapor	Rat	124700 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	7 g/kg	-

**Section 12. Ecological Information**

**Environmental Effects** Not determined

**Aquatic Ecotoxicity**

Pine oil	-	Acute EC50 24.5 ppm Fresh water	Daphnia - Water flea - Daphnia magna - <24 hours	48 hours
	-	Acute LC50 18.35 ppm Fresh water	Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
ethanol	-	Acute LC50 25500 ug/L Marine water	Crustaceans - Brine shrimp - Artemia franchiscana - Larvae	48 hours

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Classification: Non-hazardous waste  
Origin: RCRA waste.

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	Not regulated.	-	-	-	
<b>TDG Classification</b>	Not regulated.	-	-	-	
<b>IMDG Class</b>	Not regulated.	-	-	-	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG\* : Packing group

**Section 15. Regulatory Information****U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:  
No products were found.

**Clean Water Act (CWA) 311:** No products were found.

**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

**State Regulations****California Prop 65**

No products were found.

**Canada****WHMIS (Canada)**

Class D-2B: Material causing other toxic effects (Toxic).

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

*\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.*