

# **RAINSOFT ORIGINALS PINE FRESH** **DISINFECTANT CLEANER**

Quick Identifier

## **Material Safety Data Sheet**

EMERGENCY PHONE NUMBER: (816) 220-1177 H.M.I.S. Health: 3  
(913) 473-3350 (after 5 p.m.) Fire: 1  
Reactivity: 0

---

### **SECTION I - IDENTITY**

---

COMMON NAME: RAINSOFT ORIGINALS PINE FRESH DISINFECTANT CLEANER. Formula No. ZZ0127;

EPA Product Registration No. 47371-131-63021

CHEMICAL FAMILY: Disinfectant Cleaner

SYNONYMS: An aqueous solution containing quaternary ammonium compounds, anionic surfactant, fragrance and colorant.

---

### **SECTION II - INGREDIENTS**

---

<b>COMPONENTS</b>	<b>APPROXIMATE WEIGHT %</b>	<b>TWA/TLV</b>
N,N-Dicetyl-N,N-dimethylammonium chloride (CAS No. 7173-51-5)	2.43	None established
N-Alkyl (C <sub>12-16</sub> )-N,N- dimethyl-N-benzylammonium chloride (CAS No. 8001-54-5)	1.62	None established
N,N-Dimethyl-1-octylamine-N-oxide (CAS No. 2605-78-9)	0.8	None established
Ethylenediaminetetraacetic acid, trisodium salt (CAS No. 150-38-9)	0.93	None established
Ethanol (CAS No. 64-17-5)	1.0	1000 ppm (OSHA-PEL) 1000 ppm (ACGIH-TWA)
Dye (CAS No. Mixture)	0.01	None established
Fragrance (CAS No. Mixture)	0.1	None established

---

### **SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS**

---

**BOILING POINT:** Not known

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.0

**VISCOSITY:** < 100 cps @ 25°C.

**MELTING OR FREEZING POINT:** Not Known

**VAPOR PRESSURE (mm Hg):** Not Known

**VAPOR DENSITY (AIR=1):** Not Known

**PERCENT VOLATILE (by weight):** 04.2

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE (butyl Acetate = 1):** Not Known **pH Value:** 7.2 to 8.2

**APPEARANCE AND ODOR:** A clear brown liquid with pine fragrance



# **RAINSOFT ORIGINALS PINE FRESH** **DISINFECTANT CLEANER**

Quick Identifier

---

## **SECTION VI – REACTIVITY INFORMATION**

---

STABILITY:       UNSTABLE  
                       STABLE

CONDITIONS TO AVOID: None known.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing or reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines, and other organic materials, and oxides of carbon and nitrogen.

HAZARDOUS  
POLYMERIZATION

MAY OCCUR  
 WILL NOT OCCUR

CONDITIONS TO AVOID: None known

---

## **SECTION VII – SPILL AND DISPOSAL INFORMATION**

---

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Caution. Floors may become slippery. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentration may be generated (self-contained breathing apparatus preferred).

Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery and disposal. Keep spill out of sewers and open bodies of water.

### **WASTE DISPOSAL METHODS:**

Dispose of in compliance with all Federal, state, and local laws and regulations. Incineration is the preferred method.

### **CONTAINER DISPOSAL:**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture or dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

---

## **SECTION VIII – PERSONAL PROTECTION INFORMATION**

---

### **VENTILATION TYPE:**

In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

### **RESPIRATORY PROTECTION:**

In processes where mists or vapors may be generated, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

### **PROTECTIVE GLOVES:**

Rubber or neoprene, when needed to prevent skin contact.

### **EYE PROTECTION:**

Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.

### **OTHER PROTECTIVE EQUIPMENT:**

Eye wash, safety shower; protective clothing (long sleeves, coveralls or other, as appropriate), when needed to prevent skin contact.

---

## **SECTION IX – STORAGE AND HANDLING:**

---

### **PRECAUTIONS FOR STORAGE AND HANDLING:**

Store at temperatures below 140° F. Keep containers closed until used. Do not contaminate drinking water, food or feed by storage or disposal.

# **RAINSOFT ORIGINALS PINE FRESH** **DISINFECTANT CLEANER**

Quick Identifier

---

## **SECTION X – TRANSPORTATION:**

---

**DOT HAZARD CLASSIFICATION:** Non-hazardous

**DOT SHIPPING NAME:** Not regulated.

**DOT LABEL:** None.

---

## **SECTION XI – MISCELLANEOUS AND REGULATORY INFORMATION**

---

### **FEDERAL LEVEL REGULATIONS:**

#### **TOXIC SUBSTANCES CONTROL ACT (TSCA INVENTORY) STATUS:**

Found on U.S. EPA TSCA inventory. While the CAS number 8001-54-5 is not listed on the U.S. EPA TSCA inventory, an alternative CAS number for this material (68424-85-1) is listed on the TSCA inventory.

#### **TSCA Section 12(b) Export Notification**

Components present in this product which, if exported, could require either annual or one-time reporting under this regulation are as follows:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980 requires notification Of the National Response Center (Telephone 800-424-8802) in the event of a release of quantities of the Following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs) listed in 40 CFR 302.4:**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

#### **US EPA Regulation on Pesticides:**

This is an EPA registered pesticide (EPA Registration No. 47371-131-63021). This material can only be Used commercially in the EPA registered application(s) noted on the product label.

**SARA Title III, Sections 302/304 (Superfund Amendments and Reauthorization Act of 1986) – This act requires emergency planning, including agency notification, for possible release of the following components in this material, based upon the Threshold Planning Quantities (TPQs) and release Reportable Quantities (RQs) listed for the Components in 40 CFR 355:**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

**SARA Title III (Sections 311/312 – This act requires reporting under the Community Right-to-Know provisions due to inclusion of the following components of this material in one or more of the five hazard categories listed in 40 CFR 370:**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Hazard (*) Categories</u>
N-N-Didecyl-N,N-dimethylammonium chloride	7173-51-5	A
N-Alkyl (C <sub>12-16</sub> )-N,N- dimethyl-N-benzylammonium chloride	8001-54-5	A
N,N-Dimethyl-1-ocetylamine-N-oxide	2605-78-9	A
Ethanol	64-17-5	F

(\*) The five hazard categories are as follows: F= FIRE HAZARD; S = SUDDEN RELEASE OF PRESSURE; R= REACTIVITY; A=IMMEDIATE (ACUTE) HEALTH HAZARD; C=DELAYED (CHRONIC) HEALTH HAZARD.

# RAINSOFT ORIGINALS PINE FRESH DISINFECTANT CLEANER

Quick Identifier

SARA Title III Section 313 – this act requires submission of annual reports off the releases of the following components of this material if the threshold reporting quantities as listed in 40 CFR 372, are met or exceeded:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

## STATE RIGHT-TO-KNOW REGULATIONS:

CALIFORNIA PROPOSITION 65 – Components present in this material which the State of California has found to cause cancer, birth Defects or other reproductive harm are as follows:

### AS CANCER HAZARD

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
Acetaldehyde	75-07-0	80 ppb
Benzene	71-43-2	4 ppm
Benzyl chloride	100-44-7	8 ppm
N-Nitrosodimethylamine	62-75-9	40 ppb
Propylene Oxide	75-56-9	800 ppb

### AS A REPRODUCTIVE HAZARD

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
Benzene	71-43-2	4 ppm
Toluene	108-88-3	4 ppm

MASSECHUSETTS Right-to-Know – The following components of this material included in the Massachusetts Substance List and are present at or above reportable levels:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
Acetaldehyde	75-07-0	80 ppb
Benzene	71-43-2	4 ppm
Benzyl chloride	100-44-7	8 ppm
Ethanol	64-17-5	1%
Hydrogen peroxide	7722-84-1	15 ppm

MICHIGAN Critical Materials – The following components of this material are included on the Michigan Critical Materials List:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
None known		

NEW JERSEY Right-to-Know – The following components of this material are include in the New Jersey Hazardous Substance List and are present at or above reportable levels:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
Ethanol	64-17-5	1%

PENNSYLVANIA Right-to-Know: The following components of his material are included in the Pennsylvania Hazardous Substance List and are present at or above reportable levels:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Typical Maximum Concentration</u>
Ethanol	64-17-5	1%

---

**SECTION XII - DATE AND SIGNATURE**

---

**RAINSOFT ORIGINALS PINE FRESH**  
**DISINFECTANT CLEANER**

**Quick Identifier**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as the suitability and completeness of such information for his own particular use.

Manufactured by:  
LIQUID SOAP PRODUCTS, LTD  
3330 S. Outer Road E.  
Grain Valley, MO. 64029  
EPA Est. No. 63021-MO-002

Revised: 10 May 2004  
Supersedes: None-New

The submission of this MSDS may be required by law, but this is no assertion that the substance is hazardous when used in accordance with proper safety practices and normal procedures. Data supplied is for use only in connection with occupation safety and health.