

# Material Safety Data Sheet

Revision Date 23-Sep-2013

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** DN4810S  
**Product name** SAYONARA SWIPES  
**Recommended Use** Disinfectant / Deodorizer

**Supplier** Drummond, A Lawson Brand  
Lawson Products, Inc.  
8770 W.Bryn Mawr Ave.- Suite 900  
Chicago, IL 60631  
1-866-529-7664

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

WARNING. Irritating to eyes. May be harmful if swallowed. Deliberate concentration and inhalation of vapors may cause central nervous system effects..

### Aggravated Medical Conditions

Individuals with pre-existing diseases of the skin or gastrointestinal tract may have increased susceptibility to the toxicity of excessive exposures.

### Principal Routes of Exposure

Eyes. Inhalation. Skin. Ingestion.

### Potential health effects

**Eyes** Contact with eyes may cause irritation. Redness. Tearing. Burning sensation.

**Skin** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. Redness. Repeated exposure may cause skin dryness or cracking.

**Inhalation** Extreme overexposure may cause. Central nervous system effects. Drowsiness. Dizziness. Fatigue. Loss of coordination.

**Ingestion** May be harmful if swallowed. May cause the following effects. Nausea. Diarrhea. Irritation of the throat. Vomiting.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	60-100
Ethyl alcohol	64-17-5	10-30

## 4. FIRST AID MEASURES

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention IMMEDIATELY.

**Skin contact** Wash area thoroughly with soap and water. Seek medical attention if irritation persists.

**Ingestion** Call a physician or Poison Control Center immediately. Do Not induce vomiting. Never give anything by mouth to an unconscious person.

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

## 5. FIRE FIGHTING MEASURES

**Flash point °C** No data available  
**Flash point °F** No data available  
**Method** Pensky-Martens C.C.

**Autoignition temperature °C** Not Applicable  
**Autoignition temperature °F** Not Applicable

**Flammability Limits (% in Air)**  
**Upper** No data available  
**Lower** No data available

### Suitable extinguishing media

Carbon dioxide (CO2). Dry chemical powder. Foam. Water fog.

### Extinguishing media which must NOT be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire .

### Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

### Special Fire-Fighting Procedures

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Do not release run-off from fire control methods to sewers or waterways .

### Fire and Explosion Hazards

Combustible liquid on towel.

### Hazardous decomposition products

See Section 10.

### Sensitivity to shock

No information available.

### Sensitivity to static discharge

No information available.

## 6. ACCIDENTAL RELEASE MEASURES

### Environmental precautions

Prevent product from entering drains.

**Methods for cleaning up**

Soak up excess with absorbent material. Use caution as spill may create a slip hazard.

**Clean-up methods - small spill**

Use caution as spill may create a slip hazard. Soak up excess with absorbent material.

**Clean-up methods - large spill**

Absorb with vermiculite . Soak up excess with absorbent material. Ventilate area to maintain exposure below permissible exposure limits. Evacuate area of unprotected and unnecessary personnel. Collect and contain for disposal.

**7. HANDLING AND STORAGE****Handling**

Do not smoke while using. Avoid contact with skin, eyes and clothing. Do not swallow. Keep container closed when not in use. Use from original container only. Thoroughly wash hands and exposed skin after handling. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice.

**Storage**

Follow all label directions. Do not freeze. Do not store near seeds, insecticides, or fungicides. Keep away from food, beverages, and feed. Keep out of the reach of children. Keep away from heat. Keep tightly closed in a dry and cool place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Ethyl alcohol	1000 ppm 1900 mg/m <sup>3</sup>	-	-	1000 ppm
Water	-	-	-	-

**Ventilation and Environmental Controls**

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

**Hygiene measures**

General industrial hygiene practice.

**Respiratory protection**

None necessary under normal conditions. If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

**Hand Protection**

Gloves are not required in normal use

**Eye protection**

None necessary under normal use conditions. Avoid contact with eyes.

**Skin and body protection**

None necessary under normal conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form** Liquid on cloth towelette

<b>Color</b>	Colorless
<b>Odor</b>	Alcoholic / Pleasant
<b>Odor Threshold</b>	No information available
<b>pH</b>	6.2 +/-
<b>Specific Gravity</b>	0.97 @ 70F
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	>1 (Air = 1)
<b>Evaporation Rate</b>	No data available
<b>Water solubility</b>	Soluble in water
<b>VOC Content</b>	18.50%
<b>Partition Coefficient (n-octanol/water)</b>	Not Applicable
<b>Boiling point/range °C</b>	87.8 C
<b>Boiling point/range °F</b>	190 F
<b>Melting point/range °C</b>	No data available
<b>Melting point/range °F</b>	No data available
<b>Flash point °F</b>	No data available

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Conditions to avoid**

Avoid heat, sparks, and other sources of ignition. Do not smoke while using.

**Incompatibility**

Strong oxidizing agents. Acetyl chloride. Nitric acid. Hydrogen peroxide.

**Hazardous Decomposition Products**

Carbon dioxide. Carbon monoxide. Formaldehyde. Nitrous oxide. Ammoniacal vapors. smoke. Soot. Various organic oxidation by-products.

**Polymerization**

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Ethyl alcohol</i> 64-17-5	-	-	124.7 mg/L
<i>Water</i> 7732-18-5	-	-	-

**Synergistic Products**

None known

**Specific Hazards**

Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

**Potential health effects****Sensitization**

None known

**Chronic toxicity**

None known

<b>Mutagenic effects</b>	None known
<b>Teratogenic effects</b>	None known
<b>Reproductive toxicity</b>	None known
<b>Target Organ Effects</b>	See Section 2
<b>Carcinogenic effects</b>	See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Ethyl alcohol	A3	Group 1	Not Listed	Not Listed	Listed
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION

### Ethyl alcohol

#### Microtox Data

*Photobacterium phosphoreum* EC50=34634 mg/L (30 min)

*Photobacterium phosphoreum* EC50=35470 mg/L (5 min)

#### Water Flea Data

*Daphnia magna* LC509268 - 14221 mg/L (48 h)

*Daphnia magna* EC50=10800 mg/L (24 h)

*Daphnia magna* EC50=2 mg/L (48 h)

**Ecotoxicity effects** No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products

Dispose in accordance with federal, state, and local regulations.

## 14. TRANSPORTATION INFORMATION

### DOT

Not Regulated

### TDG

Not Regulated

## 15. REGULATORY INFORMATION

### State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Ethyl alcohol	Listed	Listed	Carcinogen Developmental
Water	Not Listed	Not Listed	Not Listed

### International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Ethyl alcohol	X	X	-	X
Water	X	X	-	X

### CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

## 16. OTHER INFORMATION

### NFPA

Health - 1  
Flammability - 2  
Reactivity - 0

### Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.