

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 ³	-	-	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

Color

Colorless

Odor

Alcoholic / Pleasant

Odor Threshold

No information available

pH

6.2 +/-

Specific Gravity

0.97 @ 70F

Vapor pressure

No data available

Vapor density

>1 (Air = 1)

Evaporation Rate

No data available

Water solubility

Soluble in water

VOC Content

18.50%

Partition Coefficient (n-octanol/water)

Not Applicable

Boiling point/range °C

87.8 C

Boiling point/range °F

190 F

Melting point/range °C

No data available

Melting point/range °F

No data available

Flash point °F

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)
Ethyl alcohol 64-17-5	-	-	124.7 mg/L
Water 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

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SWIPES**

Mutagenic effects None known

Teratogenic effects None known

Reproductive toxicity None known

Target Organ Effects See Section 2

Carcinogenic effects See table below

Chemical Name	ACGIH OEL - Carcinoge ns	IARC	NTP - Known Carcinoge ns	NTP - Suspected Human Carcinoge ns	OSHA RTK Carcinoge ns
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 Development al
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

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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.