

**MATERIAL SAFETY DATA SHEET****Sawyer® HAND SANITIZER SPRAY – .5oz****Sawyer Products, Inc.**605 Seventh Avenue, North  
Safety Harbor, FL 34695**EMERGENCY NUMBER:** 1-800-255-3924  
(24 HOURS)**INFORMATION NUMBER:** 1-800-356-7811  
(BUSINESS HOURS)**PRODUCT NAME:** Sawyer® Hand Sanitizer Spray –.5oz**PRODUCT CODE:** SP311**DATE PREPARED:** 07-May-2009**REVISION LEVEL:** New MSDS**PREPARED BY:** Sawyer Products, Inc.**EPA REG. NO.:** N/R**UPC:** 0-50716-00311-6**HMIS:** Health Hazard: 1

Fire Hazard: 3

Reactivity: 0

Personal Protective Equipment: A

**• HAZARDOUS INGREDIENTS/IDENTITY INFORMATION •**

Material	CAS#	%	OSHA TWA	ACGIH TWA
Ethyl Alcohol	64-17-5	58-68%	1,000 ppm	1,000 ppm
* N/E = NOT ESTABLISHED				

**• HEALTH HAZARDS •****Acute Inhalation:** Harmful if inhaled. Causes upper respiratory tract irritation.**Eye Contact:** Causes eye irritation.**Skin Contact:** May cause skin irritation. Harmful if absorbed through skin.**Ingestion:** May be fatal if swallowed.**Primary Routes of Entry:** Ingestion, inhalation and skin contact.**Systemic & Other Effects:** Can cause central nervous system depression.**Medical Conditions Aggravated by Exposure:** Not determined.**Chemicals Listed as Carcinogens or Potential Carcinogens:** None known.**COMMENTS:** Not intended for human consumption. Follow label directions.**EMERGENCY FIRST AID PROCEDURES:****Inhalation:** Remove to fresh air; Get medical attention if irritation develops.**Skin:** Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops.**Eyes:** Immediately flush eyes with water for 15 minutes. Get medical attention if irritation develops.**Oral:** If patient is conscious, induce vomiting and get medical attention.**• PHYSICAL/CHEMICAL CHARACTERISTICS •****BOILING POINT:** Not determined**SPECIFIC GRAVITY:** 0.83 - 0.93**VAPOR PRESSURE:** Not determined**PERCENT VOLATILE BY VOLUME:** Not determined**EVAPORATION RATE:** Not determined**pH:** 4.5 - 6.5**APPEARANCE AND ODOR:** Clear colorless liquid. Odor of alcohol with slight hint of citrus.

**• REACTIVITY DATA •**

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**STABILITY:** Stable

**INCOMPATIBILITY (Material to Avoid):** Oxidizing materials, strong oxidizing agents.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION:** May produce carbon dioxide and possibly carbon monoxide.

**CONDITIONS TO AVOID:** Keep liquids and vapors away from heat, sparks and open flame.

**• FIRE AND EXPLOSION HAZARDS •**

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**FLASH POINTS:** 55°F [12.8°C]

**AUTOIGNITION:** 797°F [425°F]

**FLAMMABILITY LIMITS IN AIR, % BY VOL.:** Not determined

**EXTINGUISHING MEDIA:** Foam, carbon dioxide or dry chemical.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Vapors form from this product and may travel or move by air currents to an ignition source and flash back.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear positive pressure self-contained breathing apparatus and protective clothing.

**• SAFE HANDLING AND USE •**

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**SPILL RESPONSE:** Eliminate all ignition sources. Flush spill with water spray.

**WASTE DISPOSAL AND PRECAUTIONS:** Normal procedure, meeting with local state and federal regulations.

**HANDLING AND STORING PRECAUTIONS:** Keep liquid and it's vapors away from heat, sparks and open flame. Store in cool, dry place.

**OTHER PRECAUTIONS:** Avoid contact with eyes and prolonged or repeated skin exposure.

**• PROTECTION MEASURES •**

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**EXPOSURE CONTROLS / PERSONAL PROTECTION FOR DISTRIBUTION AND END USER**

**ENGINEERING CONTROLS:** Make application outdoors where special ventilation is NOT required.

**PERSONAL PROTECTIVE EQUIPMENT:**

EYES: None. Avoid spraying directly in eyes.

SKIN & FACE: None. Wash hands before eating or smoking.

RESPIRATORY: None. Make application outdoors.

**EXPOSURE CONTROLS / PERSONAL PROTECTION DURING MANUFACTURING****EXPOSURE CONTROLS / PERSONAL PROTECTION ENGINEERING CONTROLS:**

Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

**PERSONAL PROTECTIVE EQUIPMENT**

EYES AND FACE: Wear OSHA-approved safety glasses, goggles or face shield.

SKIN: Wear chemically impervious gloves such as Neoprene or Nitrile and protective clothing.

RESPIRATORY: In absence of proper mechanical ventilation, wear a NIOSH approved organic vapor respirator.

PROTECTIVE CLOTHING: Wear chemically impervious gloves, such as neoprene or nitrile. Wear leather shoes and long pants and long sleeve shirt.

**WORK HYGIENIC PRACTICES:**

DO NOT SMOKE, EAT OR DRINK OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

**EMERGENCY NUMBER:** 1-800-255-3924

**COMMENTS:** Follow good industrial practice.

**• SPECIAL PRECAUTIONS •**

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**HANDLING AND STORAGE:** Keep liquid and it's vapors away from heat, sparks and open flame.

**OTHER PRECAUTIONS:** None

**SARA 313 INFORMATION:** This product contains the following substances subject to the reporting requirements of Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
Ethyl Alcohol	64-17-5	58-68%

**NOTE:** This data represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data.