

HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT	Fire	0	Reactivity
	Health	1	Special

MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 5-6-09

SECTION 1 - PRODUCT IDENTIFICATION

Company Name	Environmental Solutions International Company	Emergency Telephone No.	800-424-9300
Address	1261 N. Raddant Road, Batavia, IL 60510	Information Telephone No.	888-409-5318
Product Name / ID#	Smart & Silky Hand Sanitizer # 60072	Product Type	Alcohol-Free Hand Sanitizer <input type="checkbox"/> Proprietary Product <input type="checkbox"/>

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Benzalkonium Chloride	8001-54-5	0.10%	NE

* Substances Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F)	Approx 212°F	Specific Gravity (H ₂ O=1.0)	1.018 ± 0.005	pH	5.0 - 7.0	% VOC (ww)	.07%
Solubility In Water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable or (Dispersible) <input type="checkbox"/> Slight (or Partial)						
Evaporation Rate (vs H ₂ O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Vapor Pressure	NE		Vapor Density	NE
Appearance and Odor	Clear pale amber liquid. Unscented.						

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	<input checked="" type="checkbox"/> None to boiling						Flammable Limits	Upper	NA	Lower	NA
Extinguishing Media	NA										
Special Fire Fighting Procedures	NA										
Unusual Fire Explosion Hazards	NA										

SECTION 5 - REACTIVE DATA

Stability	Stable	Incompatibility	Anionic surfactants. Strong oxidizing agents.								
Hazardous Decomposition Products	None										

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV	<input checked="" type="checkbox"/> None Established <input type="checkbox"/> Not Applicable		Primary routes of Exposure	<input checked="" type="checkbox"/> Eyes <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation							
Signs Symptoms of Over-exposure (Acute)	May cause mild to moderate irritation to the eyes depending on the extend of contact.										
	Skin irritation will occur due only to allergic reaction on prolonged contact. Ingestion of larger amounts may cause gastro intestinal irritation, nausea and diarrhea.										
Signs Symptoms of Over-exposure (Chronic)	Unknown										
Medical Conditions Aggravated by Over-exposure	Unknown										
Carcinogen/Suspected Carcinogen Ingredients:	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> None										

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes	Flush with plenty of water for 10 - 15 minutes. If irritation persist, get medical attention.										
Skin	If any irritation should occur, rinse skin thoroughly with water. Consult a physician.										
Ingestion	Rinse mouth & throat with water. Give 1-2 glasses of water. Induce vomiting only as directed by a doctor. Get medical help.										
Inhalation	NA										

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	NA										
Ventilation requirements	<input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical		Normal ventilation should be adequate.								
Protective Gloves	NA		Eye Protection	Safety glasses if handling large volume							
Other Protective Clothing	NA										

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Contain spill. Vacuum or mop and place in suitable containers for disposal. Rinse any residue with plenty of water,										
Waste Disposal Methods	Incineration is preferred method after product has been concentrated by evaporation of excess water. Check all government regulations.										

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage	Store at moderate temperature. Keep out of reach of children.										
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