

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

MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 7-30-07

SECTION 1 - PRODUCT IDENTIFICATION

Company Name	Daley International	Emergency Telephone No.	800-535-5053
Address	4100 W. 76th Street, Chicago, IL 60652	Information Telephone No.	773.284.6565
Product Name / ID#	Safe Hands (347)	Product Type	Non-Alcohol Hand Sanitizer
			Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Benzalkonium Chloride	8001-54-5	0.13%	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)	1.004 ± 0.005	pH	5.5 - 7.0	% VOC (ww)	.04%
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 colorless liquid. Slight peach odor.

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 None Established Not Applicable Primary routes of Exposure Eyes Skin Oral 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 nausea and diarrhea.

Signs Symptoms of Over-exposure (Chronic) Unknown

Medical Conditions Aggravated by Over-exposure Unknown

Carcinogen/Suspected Carcinogen Ingredients: NTP IARC OSHA 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 and throat with water. Give 1-2 glasses of water. Induce vomiting only as directed by a doctor. Get medical

Inhalation NA

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection NA

Ventilation requirements Local Exhaust 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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MATERIAL SAFETY DATA SHEET

6/6/07

Company Name Address:

Daley International 4100 W. 76th Street Chicago, IL 60652

Information Telephone Number(s)

773-284-6585

Section 1 - Product InformationProduct Name (ID #): **Safe Hands (347)**

EMERGENCY TELEPHONE NUMBER

Product Type: **Non Alcohol Hand Sanitizer**

1-800-535-5053

Section 2 - Information on Ingredients

Chemical Name	% by Weight	Cas #	OSHA PEL	ACGIH TLV
Benzalkonium Chloride	0.13%	8001-54-5	NE	NE

*Chemicals marked with an asterisk in Section Two are subject to the reporting requirements for Section 313 of Title III of the Superfund Amendments & Reauthorization Act (SARA) of 1986 & 40 CFR Part 372.

Section 3 - Hazards Identification**Emergency Overview:**

Caution May Cause Eye Irritation.

Potential Health Effects**Primary Routes of Exposures**

Eye contact is the principal route of exposure.

Acute Eye Contact:

May cause mild to moderate eye irritation depending on the extent of contact.

Acute Skin Contact:

Unlikely for irritation to occur. Possibility exists for irritation to occur due to allergic reaction or prolonged contact.

Acute Ingestion:

Ingestion of larger amounts may cause gastro intestinal irritation, nausea, and diarrhea.

Acute Inhalation:

NA

Chronic Information:

Unknown

Carcinogenicity: IARC - No

NTP - No

OSHA - No

ACGIH - No

Safe Hands

Section 4 - First Aid Measures**Skin Contact:**

If any irritation should occur, rinse skin thoroughly with water. If irritation persists, consult a physician.

Eye Contact:

Flush eyes with water for 15 minutes. If relief is not readily apparent call a physician.

Ingestion:

Rinse mouth and throat with water. Give 1 - 2 glasses of water to dilute stomach contents. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical help.

Inhalation:

NA

(If any condition persists - Consult a physician).

Section 5 - Fire Fighting Measures

Flash Point (Method): None

Flammable Limits: LFL NA

UFL: NA

Fire & Explosion Hazards: NA

Extinguishing Media:

NA

Special Fire Fighting Procedures:

NA

Hazardous Combustion Products:

Product is non-flammable.

Section 6 - Accidental Release Measures

Contain spill. Vacuum or mop up and place in suitable containers for disposal. Rinse any residue with plenty of water.

Section 7 - Handling and Storage

Store at moderate temperature. Keep out of reach of small children.

Section 8 - Exposure Controls Personal Protection

Eye Protection:

Not required under normal usage. If handling larger volume of material safety glasses or goggles are recommended.

Skin Protection:

Not required under normal usage. If prolonged contact with product is anticipated it is recommended that rubber or other chemically resistant gloves be worn.

Respiratory Protection:

NA

Ventilation Requirements:

Normal ventilation should be adequate.

Other:

None required

Section 9 - Physical / Chemical Properties

Physical Form:	Liquid	pH:	5.5 - 7.0
Color:	Clear, colorless	Specific Gravity:	1.002 - 1.007
Odor:	Slight Peach	Solubility:	100%
Boiling Point:	Approximately 212°F	Freezing Point:	Approx. 32°F
Evaporation Rate:	About the same as water.	% Volatile:	98.9%
Vapor Pressure:	NE	V.O.C.	0.04%

Section 10 - Stability and Reactivity**Stability:**

This product is stable at ambient temperature and pressure.

Hazardous Decomposition Products:

None

Hazardous Polymerization:

Will not occur.

Incompatibility:

Products containing anionic surfactants. Strong oxidizing agents.

Section 11 - Toxicology Information

Not established.

Section 12 - Ecology Information

Not established.

Section 13 - Disposal Considerations

Incineration would be a preferred method after product has been concentrated by evaporation of excess water. Check all governmental regulations.

Section 14 - Transport Information**DOT****Proper Shipping Name:** Not a D.O.T. Hazardous shipping material**Packing Group:** NA**Emergency Guide No:** NA**DOT Label:** NA**Hazard Class:** NA**ID Number:** NA**Section 15 - Regulatory Information****Toxic Substances Control Act:**

All components of this product are on the TSCA Inventory.

Section 311 / 312:

None

Section 313:**See section 2.****OSHA Hazard Communications Standard (29 CFR 1910.1200)**

This product is not hazardous by definition of the Hazard Communication Standard.

NFCA Hazardous Material Identification System (HMIS Rating) Health 1 Flammability 0 Reactivity 0**Section 16 - Other Information**

Disclaimer: No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature, are made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present unknown health hazards and should always be used with caution. The information and recommendations contained herein are presented in good faith and are supplied pursuant to 29 CFR 1910.1200. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, with all applicable Federal, State and local regulations governing the use and disposal of this material.

Prepared by: Regulatory Affairs Department.