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MATERIAL SAFETY DATA SHEET

6/6/07

Company Name Address:

Information Telephone Number(s)

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

773-284-6565

See attachment for item listing

Section 1 - Product Information

Product 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

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.

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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.

NPCA 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.

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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			
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	<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 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 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	<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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	A	B	C	D	E	F
1	Status	Item #	Mfg Abbv	Cat #	MSDS Code	Description
2	DMF	699667	SAFHND	SH-CRTKIT	01	SANITIZER/DISPENSER, HAND (1/S
3	DMF	694006	SAFHND	SH-04ML-4	01	SANITIZER, F/OLD MODEL .4ML/DO
4	DMF	699649	SAFHND	SH-SMPKIT	01	SANITIZER, HAND FOAM PC CLEANE
5		689273	SAFHND	SH-7.5-12	01	SANITIZER, SAFEHANDS FOAM 7.5
6		689270	SAFHND	SH-1.75-24	01	SANITIZER, SAFEHANDS SCNTD FOA
7		689275	SAFHND	SH-18-4	01	SANITIZER, SAFEHANDS SCNTD 18
8	DMF	694007	SAFHND	SHU-1.75-24	01	SANITIZER, SAFEHANDS UNSCENTED
9		694008	SAFHND	SHU-1008-4	01	SANITIZER, SAFEHANDS UNSCENTED
10		694009	SAFHND	SHU-18-4	01	SANITIZER, SAFEHANDS UNSCENTED
11	DMF	694010	SAFHND	SHU-7.5-12	01	SANITIZER, SAFEHANDS UNSCENTED
12		689271	SAFHND	SHS-1.75-24	01	SANITIZER, SAFEHANDS 1.75OZ SQ
13		689277	SAFHND	SH-1008-4	01	SANITIZER, SAFEHANDS 1000ML (4
14		689276	SAFHND	SHS-18-4	01	SANITIZER, SAFEHANDS 18OZ SQUI
15	DMF	689274	SAFHND	SHS-7.5-12	01	SANITIZER, SAFEHANDS 7.5OZ SQU
16		699650	SAFHND	SH-1-PCC	01	SANITIZER, SPR SAFEHANDS W/SEA
17		699651	SAFHND	SH-32-PCC	01	SANITIZER, SPR SAFEHANDS W/SEA