

# Material Safety Data Sheet

**Product: Hand Sanitizers**

**MSDS Date:** 7/20/07

**Product Name:** Hand Sanitizers

**Importer Name:** Delta Brands, Inc.

## 1. Product and Company Description

Delta Brands Inc.  
1890 Palmer Avenue  
Larchmont, NY 10538

**For Product Information/Emergency:**  
914-833-1700

This MSDS covers these hand sanitizers (see page 7 for item descriptions):  
3151, 3152, 3153, 3154, 3155, 3157, 3163, 3165, PLDT# 877352, PLDT# 877353, PLDT# 910717,  
PLDT# 910718, PLSB# 1747

## 2. Hazards Identification

### Emergency Overview

**Appearance/Odor:** Gel with fragrant odor.

### Potential Health Effects:

**Acute Eye:**

Eye contact may cause irritation. Prolonged exposure may cause visual disturbances.

**Acute Skin:**

No adverse potential health effects anticipated via this route of entry.

**Acute Inhalation:**

May be irritating to respiratory tract.

**Acute ingestion:**

Not considered a route of exposure under anticipated use conditions. May cause irritation to the digestive tract if ingested.

**Chronic Exposure:**

Not determined

**Aggravation of Pre-existing Conditions:**

Not determined

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## 3. Chemical Composition

Component	CAS#	%Composition
Ethyl alcohol	64-17-5	>62
Deionized Water	7732-18-5	33-36
Isopropyl Alcohol	67-63-0	1-1.5
Glycerin	56-81-5	0.5-1

## 4. First Aid Measures

### First Aid Measures for Accidental:

#### **Eye Exposure:**

Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation develops, SEEK MEDICAL ATTENTION.

#### **Skin Exposure:**

If irritation develops, seek medical attention.

#### **Inhalation:**

Remove to fresh air. Seek medical attention if breathing becomes difficult.

#### **Ingestion:**

Give large amounts of water or milk for dilution. Seek medical attention.

## 5. Fire Fighting Measures

### Fire Hazard Data:

**Autoignition:** ND

**Flash Point:** ND

**Flammability Limits (vol/vol%):**

**Lower:**  
ND

**Upper:**  
ND

#### **Extinguishing Media:**

Use extinguishing media suitable for surrounding fire

#### **Special Fire Fighting Procedures:**

None

#### **Unusual Fire and Explosion Hazards:**

None

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## 6. Accidental Release Measures

### Cleanup and Disposal of Spill:

Vacuum or absorb material and place in a suitable container for reclamation or disposal. Do not discharge into drains or sewers. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

## 7. Handling and Storage

### Handling/Storage:

Keep in a tightly closed container, stored in a cool, dry, well ventilated area.

## 8. Exposure Controls / Personal Protection

### Exposure Guidelines:

Component	ACGIH	NIOSH	OSHA-PELs
Ethyl alcohol	1000 ppm TWA	1000 ppm TWA; 1900 mg/m3 TWA	1000 ppm TWA; 1900 mg/m3 TWA
Deionized Water	NA	NA	NA
Isopropyl Alcohol	200 ppm TWA 400 ppm STEL	400 ppm TWA; 980 mg/m3 TWA 500 ppm STEL; 1225 mg/m3 STEL	400 ppm TWA; 980 mg/m3 TWA 500 ppm STEL; 1225 mg/m3 STEL
Glycerin	10 mg/m3 TWA	ND	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

### Engineering Controls:

General mechanical ventilation is adequate for normal use. Local exhaust is recommended for confined areas.

### Respiratory Protection:

None

### Eye / Face Protection:

None required under anticipated product use conditions.

### Skin Protection:

None required under anticipated product use conditions.

## 9. Physical and Chemical Properties

**Physical Appearance:** Gel

**Odor:** Varies

**pH:** ND

**Specific Gravity:** >1

**Water Solubility:** Insoluble

**Melting Point:** NA

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Freezing Point: NA  
Boiling Point: ND  
Vapor Pressure: ND  
Density: ND  
Percent Volatiles by Volume: NA  
Evaporation Rate: ND  
Viscosity: ND  
Density: ND

## 10. Stability and Reactivity

### Chemical Stability:

Stable

### Conditions to Avoid:

None

### Materials / Chemicals to Be Avoided:

None

### Hazardous Decomposition Products:

None

### Hazardous Polymerization:

Will not occur.

## 11. Toxicological Information

### Acute Effects

#### Ethyl alcohol (64-17-5)

Oral LD50 Rat: 7060 mg/kg

#### Water (7732-18-5)

Oral LD50 Rat: >90 mL/kg

#### Isopropyl alcohol (67-63-0)

Inhalation LC50 Rat: 72.6 mg/L/4H; Oral LD50 Rat: 4396 mg/kg; Dermal LD50 Rat: 12800 mg/kg;  
Dermal LD50 Rabbit: 12870 mg/kg

#### Glycerin (56-81-5)

Inhalation LC50 Rat: >570 mg/m<sup>3</sup>/1H; Oral LD50 Rat: 12600 mg/kg; Dermal LD50 Rat: >21900 mg/kg

### Chronic Effects

#### Carcinogenicity:

##### Ethyl alcohol (64-17-5)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

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### Isopropyl alcohol (67-63-0)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 71 [1999], Supplement 7 [1987], Monograph 15 [1977] (Group 3 (not classifiable))

Mutagenicity: No data

Reproductive Effects: No data

Developmental Effects: No data

## 12. Ecological Information

### Environmental Fate:

No information found.

### Environmental Toxicity:

Ecotoxicity - Aquatic Toxicity

### Ethyl alcohol (64-17-5)

#### Test & Species

96 Hr LC50 Oncorhynchus mykiss	12900 mg/L [flow-through]
96 Hr LC50 Pimephales promelas	14.2 mg/L
5 min EC50 Photobacterium phosphoreum	35470 mg/L
30 min EC50 Photobacterium phosphoreum	34634 mg/L
48 Hr EC50 Daphnia magna	9268 mg/L
24 Hr EC50 Daphnia magna	10800 mg/L

#### Conditions

30 days old

### Isopropyl alcohol (67-63-0)

#### Test & Species

96 Hr LC50 Pimephales promelas	9640 mg/L [flow-through]
96 Hr LC50 Pimephales promelas	94900 mg/L [flow-through]
96 Hr LC50 Pimephales promelas	61200 mg/L [flow-through]
96 Hr EC50 Scenedesmus subspicatus	>1000 mg/L
72 Hr EC50 Scenedesmus subspicatus	>1000 mg/L
5 min EC50 Photobacterium phosphoreum	35390 mg/L
48 Hr EC50 Daphnia magna	13299 mg/L

#### Conditions

29 days old

31 days old

### Glycerin (56-81-5)

#### Test & Species

96 Hr LC50 Oncorhynchus mykiss	51000-57000 mg/L
24 Hr EC50 Daphnia magna	>500 mg/L

#### Conditions

## 13. Disposal Considerations

### Waste Disposal Method:

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste

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management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. Transportation Information

### US Department of Transportation Shipping Name:

US Department of Transportation	Proper Shipping Name	Not Regulated
	Hazard Class	Not Regulated
	ID Number	Not Regulated
	Packaging Group	Not Regulated

## 15. Regulatory Information

### Federal Regulations:

#### SARA Title III Hazard Classes:

Fire Hazard: No  
Reactive Hazard: No  
Release of Pressure: No  
Acute Health Hazard: No  
Chronic Health Hazard: No

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

#### Isopropyl alcohol (67-63-0)

SARA 313: 1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

#### TSCA

All components of this product are on the TSCA inventory or are exempt from TSCA Inventory requirements

### Other Regulations:

#### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes	Yes
Isopropyl alcohol	67-63-0	Yes	Yes	Yes	Yes	Yes	Yes
Glycerin	56-81-5	No	Yes	Yes	No	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

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WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

## 16. Other Information

### National Paint & Coating Hazardous Materials Identification System – HMIS(R):

Health Hazard:	1
Flammability:	0
Reactivity:	0

### Products covered by this MSDS:

Lucky Super Soft®	3151	Hand Sanitizer - Classic - 8 fl. oz.
Lucky Super Soft®	3152	Hand Sanitizer - Citrus Zest 8 fl. oz.
Lucky Super Soft®	3153	Hand Sanitizer - Aloe Vera - 8 fl. oz.
Lucky Super Soft®	3154	Hand Sanitizer - Lavender 8 fl. oz.
Lucky Super Soft®	3155	Hand Sanitizer - Classic 2-pack 2 fl. oz.
Lucky Super Soft®	3157	Hand Sanitizer - Aloe vera 2-pack 2 fl. oz.
Lucky Super Soft®	3163	Hand Sanitizer - Classic in tube - 5 fl. oz.
Lucky Super Soft®	3165	Hand Sanitizer - Aloe vera in tube - 5 fl. oz.
Generic Brand	PLDT# 877353	Hand Sanitizer Fresh Citrus – 12 fl oz
Generic Brand	PLDT# 877352	Hand Sanitizer Aloe Vera – 12 fl. oz
Generic Brand	PLDT# 910717	Hand Sanitizer Tube - Lime Zest - 5 fl. oz.
Generic Brand	PLDT# 910718	Hand Sanitizer Tube - Aloe Zest - 5 fl. oz.
Select Brand®	PLSB# 1747	Hand Sanitizer 8 fl oz

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### Key Legend Information:

NA – Not Applicable  
ND – Not Determined  
ACGIH – American Conference of Governmental  
Industrial Hygienists  
OSHA – Occupational Safety and Health  
Administration

TLV – Threshold Limit Value  
PEL – Permissible Exposure Limit  
TWA – Time Weighted Average  
STEL – Short Term Exposure Limit  
NTP – National Toxicology Program  
IARC – International Agency for Research on Cancer