



# MATERIAL SAFETY DATA SHEET

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I.C. Foaming Hand Sanitizer

Date Issued July 24, 2015

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1900, 1200 Standard must be  
Consulted for specific requirements.

### U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form) Form Approved  
OMB No. 1218-0072

**Note:** Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**PRODUCT NAME:** IC Hand Sanitizer

**PRODUCT DESCRIPTION:** Clear Color, Antibacterial Foaming Hand Sanitizer

### MANUFACTURER

R&R Lotion Inc  
15547 N. 77<sup>th</sup> Street  
Scottsdale AZ 85260  
**Emergency Contact** 1-888-860-7424  
**Service Number** 1-888-860-7424

## 2. HAZARD IDENTIFICATION

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Eye Irritation:	Category 2B
Skin Irritation:	Category 1b
Acute Toxicity: Oral	Category 5

**GHS Label element:** No Pictograms

**Signal Word:** Warning

**Hazard Statement:**

- H320 Causes eye irritation
- H317 May cause an allergic skin reaction
- H303 May be harmful if swallowed

#### Precautionary Statements

#### Prevention:

P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.

#### Response:



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P305 + P351 + P338 + P310 IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
P308 + P313 IF exposed or concerned: Get medical advice/attention. P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.

## Storage

Follow label guidelines

## Other Hazards

None Known

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INFORMATION

Chemical Name	WT. %	C.A.S. Number
<b>Active Ingredients:</b>		
Benzalkonium Chloride	.1%	8001-54-5
<b>Inactive Ingredients:</b>		
DI Water	less than 90%	7732-18-5
All other ingredients	less than 1%	n/a

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.  
[This product is not regulated under OSHA 29CFR1910.1200]  
(Note: See Section 8 of this MSDS for Exposure Guidelines)

**This information is the property of R&R Lotion Inc., and may be used only to evaluate this product and is not to be disclosed to any person or company without the express written permission of R&R Lotion Inc.**

### 4. FIRST AID MEASURES

#### EYE CONTACT

Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.

#### SKIN CONTACT

Wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops or persists.

#### INHALATION

Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

#### INGESTION

Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

### 5. FIRE FIGHTING MEASURES

Flash Point and Method: >200°F (Setaflash CC)

#### GENERAL HAZARD

This product is not combustible.



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### EXTINGUISHING MEDIA

Use media suitable for the material that is burning.

### SPECIAL FIRE FIGHTING INSTRUCTIONS

Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side.

### FIRE FIGHTING EQUIPMENT

As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

Spill area will be slippery. Wear appropriate protective equipment (See Section 8).

Absorb spills with vermiculite, fuller's earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread.

Prevent liquid from entering sewers or waterways.

## 7. HANDLING AND STORAGE

### HANDLING

Wear appropriate protective equipment (See Section 8).

### STORAGE

Keep container tightly closed. Keep away from heat, and sunlight. Storage temperature range: 20-30°C. If material freezes, separates or becomes hazy, gently thaw at about 40°C prior to use. Mild agitation may be required.

### STORAGE STABILITY

2 Years from date of manufacture.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### ENGINEERING CONTROLS

In applications where the product will be exposed to elevated temperatures, use local ventilation to remove potential decomposition products.

### PERSONAL PROTECTION FOR BULK HANDLING Respirator:

In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.

### Eye Protection:

Wear safety glasses with side shields or goggles.

### Gloves:

Wear natural rubber gloves.

### Clothing:

Normal working clothing is generally adequate.

### Other:

Eye wash; safety shower.

### EXPOSURE LIMITS

No limits established for this product

## 9. PHYSICAL AND CHEMICAL PROPERTIES

State..... Liquid solution

Viscosity .....Low viscosity



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Color .....	Water white to straw
Odor .....	Mild
Melting Point, $^{\circ}\text{C}$ .....	NA
Freezing Point, $^{\circ}\text{C}$ .....	ND
Boiling Point, $^{\circ}\text{C}$ .....	100 $^{\circ}\text{C}$
Weight per Gallon .....	8.3 lb/gal
Specific Gravity @20 $^{\circ}\text{C}$ .....	1.00 $\pm$ 0.02
Water Solubility .....	Soluble
pH .....	5.0-7.0

### 10. STABILITY AND REACTIVITY

#### REACTIVITY

Stable

#### INCOMPATIBILITIES

None known.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of Carbon and Nitrogen on combustion.

#### CONDITIONS TO AVOID

Avoid contact with heat.

### 11. TOXICOLOGY INFORMATION

Toxicity testing information as required by FDA Regulation:

Oral LD50 (Rat-OPPTS 870.1100) ..... >2,000 mg/kg

Dermal LD50 (Rat-OPPTS 870.1200) ..... >5,000 mg/kg

Inhalation LC50 ..... No data

Primary skin irritation (Rabbit-OPPTS 870.2500) ..... Mildly irritating

Primary eye irritation (Rabbit-OPPTS 870.2400) ..... Severely irritating

Sensitization (Guinea pig-OPPTS 870.2600 Buehler protocol) ..... Not a sensitizer

The toxicity information provided below is for components of this material as required by Regulation:

#### ACUTE

For Benzalkonium chloride:

- Oral LD50 (rat): 295 mg/kg

- Dermal LD50 (rabbit): 3000 mg/kg

- Eye irritation (rabbit): Mild to moderate irritant (<1% active)

- Skin irritation (rabbit): Severe irritant

- Skin corrosivity (rabbit-DOT method): Corrosive

- Skin sensitization (guinea pig-Magnusson-Kligman Maximization): Not a sensitizer

#### GENOTOXICITY/MUTAGENICITY

For Benzalkonium chloride:

- Ames test (Salmonella sp.): Not mutagenic with or without metabolic activation.

### 12. ECOLOGICAL INFORMATION

EC50 (Bacterium toxicity) ..... No data

LC50 (Daphnia) ..... No data

BOD ..... No data

COD ..... No data

Heavy metals ..... No data



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## 13. DISPOSAL CONSIDERATIONS

RCRA Waste Code:	Not regulated under RCRA, 40 CFR 261
Products:	Keep away from natural water sources. Observe all applicable federal, state, and local regulations.
Empty packaging:	Remove all residue when emptying.

## 14. TRANSPORT INFORMATION

### DOT (Department of Transportation):

PROPER SHIPPING NAME: Non-hazardous  
PRIMARY HAZARD CLASS/DIVISION: No Classification  
UN/NA NUMBER: N/A  
PACKING NUMBER: N/A

### AIR:

PROPER SHIPPING NAME: Non-hazardous  
PRIMARY HAZARD CLASS/DIVISION: No Classification  
UN/NA NUMBER: N/A  
PACKING NUMBER: N/A

### VESSEL:

PROPER SHIPPING NAME: Non hazardous  
PRIMARY HAZARD CLASS/DIVISION: No Classification  
UN/NA NUMBER: N/A  
PACKING NUMBER: N/A

## 15. REGULATORY INFORMATION

### OSHA HAZARD COMMUNICATION STANDARD (26 CFR 1910.1200)

☒ Hazardous ☐ Non-Hazardous

### CERCLA/SUPERFUND (40 CFR 117, 302)

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

### SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

### SARA HAZARD CATEGORIES (40 CFR 370)

☐ Acute ☒ Chronic ☐ Fire ☐ Pressure ☐ Reactive ☐ None

### SARA TOXIC SUBSTANCES (40 CFR 372)

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

### TOXIC SUBSTANCES CONTROL ACT

All known components comply with the requirements of the following chemical inventories: US (TSCA), Canada (DSL), European Communities (EINECS, REACH Status: pre-registered), Australia (AICS), China (IECSC), Japan (ENCS), Korea (ECL), New Zealand (NZIoC), Philippines (PICCS).

### STATE REGULATIONS

None listed.

### HARMONIZED TARIFF SCHEDULE CODES

US Census Bureau Schedule B 2008: 3402.90.1000

Departmental Consolidation of the Customs Tariff 2008 (Canada): 3402.90.9000

EC Community Tariff (TARIC): 3402.90.1000



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## EC-DIRECTIVE-MARKINGS

R-phrases: R36: Irritating to eyes

S-phrases: S25: Avoid contact with eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36: Wear suitable protective clothing

EU directive Classification and labeling have been performed according to EU directive 67/548/EEC.  
1999/46/EC

## 16. OTHER INFORMATION

### ABBREVIATIONS

C: Ceiling limit N/A: Not Applicable N/D: Not determined

N/E: Not established N/K: Not known RQ: Reportable quantity

Explanations to R-phrases in section 2:

R21/22: Harmful in contact with skin and if swallowed R50: Very toxic to aquatic organisms

R34: Causes burns

**Approved by:** Fletcher Rich

**Title:** Operations Manager

**HMIS Rating:** Health 1, Reactivity 0, Flammability 0, Personal Protection X

### NFPA CODES:

**Health**

1

**Flammability**

0

**Physical Hazard**

0

**Personal Protection**

0

**Manufacturer Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, neither **R&R Lotion, nor any of its subsidiaries** assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazardous are described herein, we cannot guarantee that these are the only hazards, which exist.