

MATERIAL SAFETY DATA SHEET
(Similar to OSHA FORM 174)

N.A. = Not Applicable
Not Est. = Not Established
Prop. = Proprietary

Section 1 - Manufacturer / Distributor Information

Product Name	RELY Foaming Disinfectant Cleaner			Product #	2003
Supplier's Name	National Chemical Laboratories of PA, Inc.				
Supplier's Address	401 N. 10th Street - Philadelphia, PA 19123				
HMIS Hazard Code	Health	1	Flammability	4	Phys Hazard 0
Chemical Family	Disinfectant Cleaner				Emergency Phone No 1 (800) 255-3924
DOT Shipping Name	CONSUMER COMMODITY ORM-D				Chemical Name N.A. Proprietary Blend
				Formula	N.A. Blended Product
				Hazard Class	N/A
				PKG Group	
				DOT ID #	N/A

Section 2 - Hazardous Ingredients

CHEMICAL NAME	CAS NUMBER	% Concentration Range	ACGIH	Exposure Limit TLV/PEL
Isobutane	75-28-5	PROP.		N/A

Active Ingredients: n-Alkyl Dimethyl Benzyl Ammonium Chloride and N-Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (CAS #s 139-08-2 and 27479-28-3).

Section 3 - Physical Data

Boiling Point (F)	11.7 - 212	Specific Gravity	1.000
Vapor Pressure	88	Evaporation Rate	<1
Vapor Density	4.0	pH	
Solubility in Wate	Soluble	pH(1)	
Appearance	White	pH(2)	
Odor	Puri	VOC Content	

Section 4 - Fire and Explosion Data

		Flammable Limits	NFPA 30B Rating: 1	LEL	1.9%	UEL	8.5%
Fire Fighting Equipment	Aerosol cans may rupture when heated.						
Extinguishing Media	Use water fog, dry chemical or carbon dioxide.						
Unusual Fire	Explosion Hazards	Heated cans may burst.					
Hazardous Combustion Products							

Section 5 - Health Hazard Data

Routes of Entry	Inhalation <input checked="" type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Effects of Over exposure	May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to effect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Signs & Symptoms of Exposure: Inhalation - Difficulty in breathing. Skin - Redness. Ingestion - Vomiting		
Emergency and First Aid Procedures	Give oxygen. Do not induce vomiting. Gastric lavage. Wash eyes and skin with water.		
Conditions Aggravated by Exposure	Heart disease; Respiratory disorders		Threshold Limit Value Not Est.
Listed	None		
Statement regarding Green Seal, Inc. Certification			

Section 6 - Reactivity Data

Stability	Stable
Conditions to Avoid	
Incompatibility	Strong oxidizers, aluminum
Flash Point (F)	160 (TOC)
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	In fire will decompose to carbon dioxide, water, phosphorous oxides, ammonia, nitrous oxides, hydrogen chloride.

Section 7 - Spill and Leak Procedures

Spill Steps	Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.
Waste Disposal Method	Dispose as hazardous waste in accordance with EPA RCRA.

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Section 8 - Special Protection Information

Respiratory Protection	Self contained breathing apparatus if Section 9 TLV limit exceeding.
Ventilation	Local
Protective Gloves	Not required if spraying.
Eye Protection	Goggles or safety glasses with side shields
Other Protective Equipment	Long sleeves and long pants.
Work /Hygenic Practices	Do not smoke while using. Wash hands after use.

Section 9 - Special Precautions

Precautions Handling Storage	Keep away from heat, sparks or open flames. Store at temperatures below 120°F.
Other Precautions	When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

CA Proposition 65 Statement

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Date Prepared	2/5/2013	Prepared By	J.B.
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