

125835 Part# 39016
 CLEANER, LIME-A-WAY
 3288000 RECKITT BENCKISER 10
 Buyer: Linda J. Kosakowski



Material Safety Data Sheet

Section 1. Product and Company Identification			
Product Name	LIME-A-WAY® LIME, CALCIUM & RUST CLEANER (TRIGGER SPRAY)	MSDS#	Not available
Product Description	Liquid acid lime scale and soap scum remover. Formerly known as Lime-A-Way® Professional Strength Lime, Calcium & Rust Cleaner (Sprayer)	Validation Date	5/20/2005
		Print Date	5/20/2005
Manufacturer	Reckitt Benckiser North America, Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, N.J. 07054-0225	In case of Emergency:	Telephone: 800-228-4722
Product Identifier	Not available.	Transportation Emergencies:	Chemtrec: 1-800-424-9300 (U.S. & Canada)
Item Number	368926		Outside the U.S & Canada (North America), call: 703-527-3887
Formula Number	1012-117 (368926)		
UPC Number	51700-39016 (16 oz.)		

Section 2. Composition and Information on Ingredients			
Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) SULFAMIC ACID	5329-14-6	8	Not available.

Section 3. Hazards Identification	
Emergency Overview	<p>DANGER: CORROSIVE. CAUSES EYE AND SKIN DAMAGE. HARMFUL IF SWALLOWED. VAPOR MAY BE HARMFUL. DO NOT get in eyes, on skin or on clothing. DO NOT Ingest. DO NOT Breathe vapor or mist. DO NOT mix with bleach or other household chemicals as harmful fumes may result. Use in well ventilated area. Wear rubber gloves and eye protection. Contains Sulfamic Acid.</p> <p>KEEP OUT OF REACH OF CHILDREN.</p>

Section 4. First Aid Measures	
Eye Contact	In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. Get immediate medical attention.
Skin Contact	If on skin, IMMEDIATELY wash with soap and water. Get IMMEDIATE medical attention.
Inhalation	Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.
Ingestion	DO NOT induce vomiting. Drink a glass of water and call a physician or poison control center immediately. NEVER give an unconscious person anything to ingest.

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Section 5. Fire and Explosion Data

Flammability	Not flammable. See Section 14 for any Shipping Classifications.
Flash Point	CLOSED CUP: Higher than 93.3°C (>200°F). (Tagliabue).
Explosive Limits in Air	Not available.
Products of Combustion	Not available.
Fire and Explosion Hazards	None known.
Fire Fighting Media and Instructions	Not a fire hazard. Use extinguishing media suitable for surrounding materials.
Special Fire Fighting Instructions	Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire.

Section 6. Accidental Release Measures

Accidental Spill	Small spills can be flushed to sanitary sewer or soaked up with absorbent material and discarded in the trash. Large spills: Dike and contain liquid, pump to containers or soak up on inert absorbent. Flush residue to sewer with large amount of water. Dispose of collected material in accordance with all local, state and federal regulations. Wear appropriate eye and skin protection.
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Section 7. Handling and Storage

Handling and Storage	DANGER: CORROSIVE. CAUSES EYE AND SKIN DAMAGE. HARMFUL IF SWALLOWED. VAPOR MAY BE HARMFUL. DO NOT get in eyes, on skin or on clothing. DO NOT Ingest. DO NOT Breathe vapor or mist. DO NOT mix with bleach or other household chemicals as harmful fumes may result. Use in well ventilated area. Wear rubber gloves and eye protection. Contains Sulfamic Acid. Store in original container in a secure area inaccessible to children and pets. KEEP OUT OF REACH OF CHILDREN.
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Section 8. Exposure Controls/Personal Protection

Ventilation Requirements	Avoid prolonged breathing dusts or mists of this product. Use with adequate ventilation.
Eye Protection	Protective eyewear is recommended. Emergency responders should wear full eye and face protection.
Skin Protection	Rubber gloves with protective cuff or gauntlet type preferred. Emergency responders should wear impermeable gloves.
Respiratory Protection	Avoid inhalation of vapor, mists or dust residue from this product. Emergency responders should wear self contained breathing apparatus (SCBA) to avoid inhalation of the product.
Other Protection	Emergency responders should wear chemical type (impermeable) protective clothing and footwear where direct contact with the chemicals in this product is possible.
Work/Hygienic Practices	Wash thoroughly with soap and water after handling.

Section 9. Physical and Chemical Properties

Description	Liquid. (Clear, water thin.)	Odor	Fresh-green, floral scent.
pH	2.0 - 2.2 [Acidic.]	Color	Colorless. (Light)
Boiling/Condensation Point	Not determined.		
Specific Gravity	1.04 (Water = 1)		

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**LIME-A-WAY® LIME, CALCIUM & RUST
CLEANER (TRIGGER SPRAY)**

Vapor Pressure	Not determined.
Vapor Density	Not determined.
Viscosity	Not available.
Solubility	Complete.
Physical Chemical Comments	Not available.

Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Do not mix with bleach or other household cleaners.
Hazardous Decomposition Products	Toxic sulfur oxides can be released if heated to decomposition temperature.
Hazardous Polymerization	None known.

Section 11. Toxicological Information**Exposure effects**

Eye Contact	Corrosive to eyes.
Skin Contact	Corrosive to skin.
Inhalation	Vapor may cause irritation of nose, throat and upper respiratory tract. Do not breathe vapor or fumes.
Ingestion	Harmful if swallowed.
Carcinogenicity	Not listed as carcinogenic by OSHA, NTP or IARC.

Section 12. Ecological Information

Ecotoxicity	Not available.
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Section 13. Disposal Considerations

Waste Disposal	For small amount of liquid waste, discard absorbed material in trash collection or dilute liquid with large quantity of water and flush to sanitary sewer. For large quantities of product as a waste, dispose of in accordance with local, state and federal regulations.
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Section 14. Transport Information

DOT Classification	ORM-D	
Proper Shipping Name	Consumer Commodity	
DOT Identification Number	Not applicable	
Packing Group	Not applicable	
Maritime Transportation	Not applicable.	

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**LIME-A-WAY® LIME, CALCIUM & RUST
CLEANER (TRIGGER SPRAY)**

Hazardous Substances Reportable Quantity	Not applicable.
Special Provisions for Transport	Not applicable.
TDG Classification	Consumer Commodity
ADR Classification	Not applicable.
IMDG Classification	Corrosive liquid, acidic, inorganic, n.o.s. (Sulfamic Acid) Class 8, UN3264, PG II, Limited Quantity.
IATA Classification	Corrosive liquid, acidic, inorganic n.o.s., (Sulfamic Acid) Class 8, UN3264, PG II

Section 15. Regulatory Information

Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting: None California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act: None
Other Classifications	WHMIS (Canada) Not controlled under WHMIS (Canada).

Section 16. Other Information

HMIS (U.S.A.)	<table border="1"> <tr> <td>Health Hazard</td> <td>3</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>D</td> </tr> </table>	Health Hazard	3	Fire Hazard	0	Reactivity	0	Personal Protection	D	National Fire Protection Association (U.S.A.)	
Health Hazard	3										
Fire Hazard	0										
Reactivity	0										
Personal Protection	D										
	NFPA Aerosol Level	Not applicable.									
Validated by Product Safety on 5/20/2005.	Printed 5/20/2005.										

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