



# Material Safety Data Sheet

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

Section 4. First Aid Measures	
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	If on skin, IMMEDIATELY wash with soap and water. Get IMMEDIATE medical attention.
<b>Inhalation</b>	Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.
<b>Ingestion</b>	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.

Continued on Next Page

**Section 5. Fire and Explosion Data**

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

**Section 6. Accidental Release Measures**

<b>Accidental Spill</b>	<p>Small spills can be flushed to sanitary sewer or soaked up with absorbent material and discarded in the trash.</p> <p>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.</p>
-------------------------	---

**Section 7. Handling and Storage**

<b>Handling and Storage</b>	<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>Store in original container in a secure area inaccessible to children and pets. KEEP OUT OF REACH OF CHILDREN.</p>
-----------------------------	---

**Section 8. Exposure Controls/Personal Protection**

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

**Section 9. Physical and Chemical Properties**

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

**Continued on Next Page**

<b>Vapor Pressure</b>	Not determined.
<b>Vapor Density</b>	Not determined.
<b>Viscosity</b>	Not available.
<b>Solubility</b>	Complete.
<b>Physical Chemical Comments</b>	Not available.

**Section 10. Stability and Reactivity Data**

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

**Section 11. Toxicological Information**

Exposure effects

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

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
--------------------	----------------

**Section 13. Disposal Considerations**

<b>Waste Disposal</b>	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.
-----------------------	---

**Section 14. Transport Information**

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


**Continued on Next Page**

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

**Section 15. Regulatory Information**

<b>Federal and State Regulations</b>	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
<b>Other Classifications</b>	<b>WHMIS (Canada)</b> Not controlled under WHMIS (Canada).

**Section 16. Other Information**

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

**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier 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 hazards are described herein, we cannot guarantee that these are the only hazards that exist.*