# SAFETY DATA SHEET



Lime-A-Way Lime, Calcium & Rust Cleaner Lime a Way Pour Lime-A-Way Trigger

## 1. Product and company identification

Product name	: Lime-A-Way Lime, Calcium & Rust Cleaner Lime a Way Pour Lime-A-Way Trigger
Distributed by	: Reckitt Benckiser LLC. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225 +1 973 404 2600
	Reckitt Benckiser (Canada) Inc. 1680 Tech Avenue, Unit #2 Mississauga, Ontario L4W 5S9 CANADA Telephone: +1 905 283 7000
Emergency telephone number (Medical)	: 1-800-338-6167
Emergency telephone number (Transport) Website:	<ul> <li>1-800-424-9300 (U.S. &amp; Canada) CHEMTREC Outside U.S. and Canada (North America), call Chemtrec:703-527-3887</li> <li>http://www.rbnainfo.com</li> </ul>

#### Product use : Lime deposit (calcium) remover & Rust removers Consumer use

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

SDS #	: D8199319
Formulation #	: FF8167376

(D8199319)

2. Hazards identification					
Classification of the substance or mixture	ACUTE TOX SKIN CORR	E TO METALS - Cate ICITY (oral) - Catego OSION - Category 1I YE DAMAGE - Categ	bry 4 B		
GHS label elements					
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## 2. Hazards identification

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Hazard pictograms



Signal word	anger	
Hazard statements	ay be corrosive to metals. armful if swallowed. auses severe skin burns and eye damage.	
Precautionary statements		
General	ot applicable.	
Prevention	ear protective gloves, protective clothing and eye or face protection. Keep only in iginal packaging. Do not eat, drink or smoke when using this product. Wash hand proughly after handling.	
Response	boost spillage to prevent material damage. IF INHALED: Remove person to fresh ad keep comfortable for breathing. Immediately call a POISON CENTER or doctor WALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do N duce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothin nse skin with water. Immediately call a POISON CENTER or doctor. Wash intaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for everal minutes. Remove contact lenses, if present and easy to do. Continue rinsing imediately call a POISON CENTER or doctor.	r. IF NOT ng.
Storage	ore locked up. Store in a corrosion resistant container with a resistant inner liner.	
Disposal	spose of contents and container in accordance with all local, regional, national and rernational regulations.	b
Supplemental label elements	one known.	
Hazards not otherwise classified	one known.	

## 3. Composition/information on ingredients

Substance/mixture	: Mixture		
Ingredient name		%	CAS number
Sulfamic Acid		5 - 10	5329-14-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

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## 4. First aid measures

#### **Description of necessary first aid measures**

Eye contact	eyes wi remove	dical attention immediately. Call a poison center or physician. Immediately flush th plenty of water, occasionally lifting the upper and lower eyelids. Check for and any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns treated promptly by a physician.
Inhalation	fresh ai fumes a breathir occurs, danger uncons an oper inhalatio	dical attention immediately. Call a poison center or physician. Remove victim to r and keep at rest in a position comfortable for breathing. If it is suspected that are still present, the rescuer should wear an appropriate mask or self-contained ng apparatus. If not breathing, if breathing is irregular or if respiratory arrest provide artificial respiration or oxygen by trained personnel. It may be bus to the person providing aid to give mouth-to-mouth resuscitation. If cious, place in recovery position and get medical attention immediately. Maintain n airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of on of decomposition products in a fire, symptoms may be delayed. The exposed may need to be kept under medical surveillance for 48 hours.
Skin contact	contam Wash c Continu	dical attention immediately. Call a poison center or physician. Flush inated skin with plenty of water. Remove contaminated clothing and shoes. ontaminated clothing thoroughly with water before removing it, or wear gloves. e to rinse for at least 10 minutes. Chemical burns must be treated promptly by a an. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	with wa person feels sid so by m does no Never g recover	dical attention immediately. Call a poison center or physician. Wash out mouth ter. Remove dentures if any. If material has been swallowed and the exposed is conscious, give small quantities of water to drink. Stop if the exposed person ck as vomiting may be dangerous. Do not induce vomiting unless directed to do redical personnel. If vomiting occurs, the head should be kept low so that vomit of enter the lungs. Chemical burns must be treated promptly by a physician. give anything by mouth to an unconscious person. If unconscious, place in y position and get medical attention immediately. Maintain an open airway. tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

Potential acute health eff	<u>ects</u>
Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes severe irritation
Ingestion	: Harmful if swallowed.
Over-exposure signs/syn	nptoms
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains

#### Indication of immediate medical attention and special treatment needed, if necessary

D8199319		
4. First aid measures		
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	
Specific treatments	: No specific treatment.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.	

#### See toxicological information (Section 11)

5. Fire-fighting measures		
Extinguishing media		
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.	
Unsuitable extinguishing media	: None known.	
Specific hazards arising from the chemical	: In a fire, hazardous decomposition products may be produced.	
Hazardous thermal decomposition products	: Decomposition products may include the following materials: nitrogen oxides sulfur oxides	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

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## 6. Accidental release measures

Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. Handling and storage

#### Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.
Conditions for safe storage, including any incompatibilities	: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a corrosion resistant container with a resistant inner liner. Store locked up. Keep away from metals. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## 8. Exposure controls/personal protection

#### **Control**

#### **Occupational exposure limits**

Not applicable.

Appropriate engineering controls	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures	
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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## 8. Exposure controls/personal protection

Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead
Skin protection	
Hand protection	: Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturer. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	<ul> <li>Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Other skin protection	<ul> <li>Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

<u>Appearance</u>		
Physical state	: Liqu	uid.
Color	: Cle	ear.
Odor	: Fre	esh Floral.
Odor threshold	: Not	t available.
рН	: 1.9	to 2.2
Melting point/freezing point	: Not	t available.
Boiling point, initial boiling point, and boiling range	: Not	t available.
Flash point	: Not	t available.
Evaporation rate	: Not	t available.
Flammability	: Not	t available.
Lower and upper explosion limit/flammability limit	: Not	t available.
Vapor pressure	: Not	t available.
Relative vapor density	: Not	t available.
Relative density	: 1.0	25 to 1.05
Solubility(ies)	:	
Media		Result
cold water hot water		Easily soluble Easily soluble

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## Section 9. Physical and chemical properties and safety characteristics

Solubility in water	4	Not available.
Partition coefficient: n- octanol/water	:	Not applicable.
Auto-ignition temperature	1	Not available.
Decomposition temperature	4	Not available.
Viscosity	1	Not available.
Particle characteristics		
Median particle size	1	Not applicable.

## 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: Reactive or incompatible with the following materials: metals
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Sulfamic Acid	LD50 Oral	Rat	3160 mg/kg	-

: Calculation method Harmful if swallowed. **Conclusion/Summary** 

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Sulfamic Acid	Eyes - Moderate irritant	Rabbit	-	20 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 250	-
	Skin - Mild irritant	Human	-	ug 120 hours 4 % I	-
	Skin - Severe irritant	Rabbit	-	24 hours 500 mg	-

**Conclusion/Summary** 

S	ki	n

**Eyes** 

: Causes skin irritation. Calculation method

: Causes serious eye damage. Calculation method

Respiratory

: Based on available data, the classification criteria are not met.

#### **Sensitization**

Not available.

#### **Conclusion/Summary** Skin

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: Based on available data, the classification criteria are not met.

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	information
11. Toxicological	
Respiratory	: Based on available data, the classification criteria are not met.
Mutagenicity	
Not available.	
Conclusion/Summary	: Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	
Not available.	
Conclusion/Summary	: Based on available data, the classification criteria are not met.
Reproductive toxicity	
Not available.	
Conclusion/Summary	: Based on available data, the classification criteria are not met.
Teratogenicity	
Not available.	
Conclusion/Summary	: Based on available data, the classification criteria are not met.
Specific target organ toxic	sity (single exposure)
Not available.	<u>any toingle oxposition</u>
Specific target organ toxic	city (repeated exposure)
Not available.	
Not available.	
Aspiration hazard	
Aspiration hazard	: Not available.
Aspiration hazard Not available.	: Not available.
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect	<u>.ts</u>
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact	ts : Causes serious eye damage.
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation	<ul> <li>ts</li> <li>: Causes serious eye damage.</li> <li>: No known significant effects or critical hazards.</li> </ul>
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation Skin contact	<ul> <li>ts</li> <li>: Causes serious eye damage.</li> <li>: No known significant effects or critical hazards.</li> <li>: Causes severe irritation</li> </ul>
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation	<ul> <li>ts</li> <li>: Causes serious eye damage.</li> <li>: No known significant effects or critical hazards.</li> </ul>
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation Skin contact Ingestion	<ul> <li>ts</li> <li>: Causes serious eye damage.</li> <li>: No known significant effects or critical hazards.</li> <li>: Causes severe irritation</li> <li>: Harmful if swallowed.</li> </ul>
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Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation Skin contact Ingestion	<ul> <li>: Causes serious eye damage.</li> <li>: No known significant effects or critical hazards.</li> <li>: Causes severe irritation</li> <li>: Harmful if swallowed.</li> </ul> <b>nysical, chemical and toxicological characteristics</b> <ul> <li>: Adverse symptoms may include the following: pain</li> </ul>
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation Skin contact Ingestion	<ul> <li>ts</li> <li>Causes serious eye damage.</li> <li>No known significant effects or critical hazards.</li> <li>Causes severe irritation</li> <li>Harmful if swallowed.</li> </ul> <b>nysical, chemical and toxicological characteristics</b> <ul> <li>Adverse symptoms may include the following: pain watering</li> </ul>
Aspiration hazard Not available. nformation on the likely routes of exposure Potential acute health effect Eye contact Inhalation Skin contact Ingestion Symptoms related to the ph Eye contact	<ul> <li>ts</li> <li>: Causes serious eye damage.</li> <li>: No known significant effects or critical hazards.</li> <li>: Causes severe irritation</li> <li>: Harmful if swallowed.</li> </ul> hysical, chemical and toxicological characteristics <ul> <li>: Adverse symptoms may include the following:</li> <li>pain</li> <li>watering</li> <li>redness</li> </ul>
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation Skin contact Ingestion Symptoms related to the ph Eye contact	<ul> <li>ts</li> <li>Causes serious eye damage.</li> <li>No known significant effects or critical hazards.</li> <li>Causes severe irritation</li> <li>Harmful if swallowed.</li> </ul> <b>nysical, chemical and toxicological characteristics</b> <ul> <li>Adverse symptoms may include the following:</li> <li>pain</li> <li>watering</li> <li>redness</li> <li>No specific data.</li> </ul>
Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effect Eye contact Inhalation Skin contact Ingestion Symptoms related to the ph Eye contact	<ul> <li>Causes serious eye damage.</li> <li>No known significant effects or critical hazards.</li> <li>Causes severe irritation</li> <li>Harmful if swallowed.</li> </ul> <b>nysical. chemical and toxicological characteristics</b> <ul> <li>Adverse symptoms may include the following: pain watering redness</li> <li>No specific data.</li> <li>Adverse symptoms may include the following: pain or irritation</li> </ul>
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## **11. Toxicological information**

<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	ects
Not available.	
<b>Conclusion/Summary</b>	: Based on available data, the classification criteria are not met.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

#### Numerical measures of toxicity

Acute toxicity estimates
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Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
Lime-A-Way Trigger_Baby Fat_FF8167376 (D8199319) NA	500	N/A	N/A	N/A	N/A
Sulfamic Acid	3160	N/A	N/A	N/A	N/A

## **12. Ecological information**

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Sulfamic Acid	Acute LC50 14200 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Conclusion/Summary	: Based on available data, the classific	ation criteria are not met.	

#### Persistence and degradability

Conclusion/Summary

: Based on available data, the classification criteria are not met.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Sulfamic Acid	0.101	-	low

#### Mobility in soil

## **12. Ecological information**

Soil/water partition coefficient (Koc)

: Not available.

#### Other adverse effects : No known significant effects or critical hazards.

### 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

	DOT Classification	<b>TDG Classification</b>	IMDG	ΙΑΤΑ
UN number	UN3264	UN3264	UN3264	UN3264
UN proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s. (Sulfamic Acid, mixture)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamidic acid, mixture)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamidic acid, mixture)	Corrosive liquid, acidic, inorganic, n.o.s. (sulphamidic acid)
Transport hazard class(es)	8	8	8	8
Packing group	Ш	111	Ш	111
Environmental hazards	No.	No.	No.	No.
Additional inform	nation			
DOT Classificat	ion : <u>Limited q</u> u	uantity		
TDG Classificat	ion : <u>Limited q</u> u	uantity		
IMDG	: Limited g	uantity		

: <u>Limited quantity</u> : <u>See DG List.</u>

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not available. to IMO instruments

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## 15. Regulatory information

U.S. Federal regulations			ntory (TSCA 8b): All components are active or exempted. WA) 307: dodecanenitrile	
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Lis	sted		
Clean Air Act Section 602 Class I Substances	: No	ot listed		
Clean Air Act Section 602 Class II Substances	: No	ot listed		
DEA List I Chemicals (Precursor Chemicals)	: No	ot listed		
DEA List II Chemicals (Essential Chemicals)	: No	ot listed		
SARA 302/304				
Composition/information	on ing	<u>redients</u>		
No products were found.				
SARA 304 RQ	: No	ot applicable.		
<u>SARA 311/312</u>				
Classification	ACI SKI	CORROSIVE TO METALS - Category 1 ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION - Category 1B SERIOUS EYE DAMAGE - Category 1		
Composition/information	on ing	redients		
Name		%	Classification	

SKIN IRRITATION - Category 2

EYE IRRITATION - Category 2A

#### State regulations

Sulfamic Acid

Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: The following components are listed: Sulfamic Acid
Pennsylvania	: None of the components are listed.
<u>California Prop. 65</u>	

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This product does not require a Safe Harbor warning under California Prop. 65.

<u>Label elements</u> <u>CPSC</u>	
Signal word Hazard statements	<ul> <li>DANGER</li> <li>Corrosive to eyes and skin. Harmful if swallowed. Causes eye and skin damage.</li> </ul>
Precautionary measures	: Keep out of the reach of children. 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. Handle with care, wear rubber gloves and eye protection. Use in well-ventilated areas.

## **15. Regulatory information**

#### <u>CCCR</u>

Signal word Hazard statements	<ul> <li>DANGER</li> <li>CORROSIVE</li> <li>CAUSES BURNS DANGEROUS FUMES FORM WHEN MIXED WITH OTHER</li> <li>PRODUCTS Harmful if swallowed. Causes eye and skin damage.</li> </ul>
Precautionary measures	: Keep out of the reach of children. DO NOT mix with bleach or other household chemicals as harmful fumes may result. DO NOT get in eyes, on skin or on clothing. DO NOT swallow. DO NOT breathe fumes. Handle with care, wear rubber gloves and eye protection. Use in well-ventilated areas. To open, press tab in and hold down while turning nozzle.

Additional information / Recommendations

Additional information : Contains sulfamic acid.

## 16. Other information

#### Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

#### National Fire Protection Association (U.S.A.)



#### NFPA (30B) aerosol Flammability Not applicable

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

## **16. Other information**

Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
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✓ Indicates information that has changed from previously issued version.

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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.



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