

MATERIAL SAFETY DATA SHEET

Manufactured For:
 The Easthill Group
 dba/ The Eastwood Company
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REVISION DATE: February 21, 2006
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I - Product Identification

WINTER RINSE

PRODUCT**CHEMICAL FORMULATION:** Inorganic acid solution

NFPA HAZARD IDENTIFICATION SYSTEM: **HEALTH:** 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Sulfamic Acid	< 5.00	N/E	N/E	N	N	N	5329-14-6

Key: **PEL:** Permissible Exposure Limit **TLV:** Threshold Limit Value **C:** Ceiling level **STEL:** Short Term Exposure Limit
N/A: Not Applicable **N/D:** Not Determined **N/E:** Not Established **Y:** Yes **N:** No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D **SPECIFIC GRAVITY (WATER = 1):** 1.0
VAPOR PRESSURE (mm Hg): N/D **VOC CONTENT (% by weight):** 0
VAPOR DENSITY (AIR = 1): N/D **EVAPORATION RATE (WATER = 1):** N/D
SOLUBILITY IN WATER: Soluble **pH:** 2.0
APPEARANCE AND ODOR: Clear, water white liquid, cherry fragrance

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/A **(TEST METHOD):** N/A
FLAMMABLE LIMITS IN AIR (VOLUME %) **UPPER:** N/A **LOWER:** N/A
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: None

PRODUCT Winter Rinse

V - Reactivity Data

STABILITY: Stable**INCOMPATIBILITY:** Alkaline materials, metals, and metal salts.**CONDITIONS TO AVOID:** Do not mix with chlorine bleach, ammonia, or any other cleaning chemicals. Do not spray to create a mist. Do not heat to create vapors.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon and sulfur oxide.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: EYE CONTACT: X SKIN CONTACT: X INGESTION: X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.**EFFECTS OF OVEREXPOSURE****IF IN EYES:** Moderate to severe irritation, redness, tearing, blurred vision, destruction of tissue.**IF ON SKIN:** Irritation, with prolonged or repeated exposure.**IF SWALLOWED:** Severe burns to mucous membranes, nausea, vomiting, diarrhea.**IF INHALED:** Irritation to upper respiratory tract.**EMERGENCY AND FIRST AID PROCEDURES****IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**IF ON SKIN:** Remove contaminated clothing and launder before re-use. Wash thoroughly with soap and water.**IF SWALLOWED:** Contact physician or poison control center immediately. Give affected person several glasses of water followed with milk of magnesia. Do not induce vomiting. Never give anything to an unconscious person.**IF INHALED:** Remove person to fresh air.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Neutralize spill with baking soda and flush with water.**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation.**VENTILATION****LOCAL:** Recommended**MECHANICAL:** Not required**PROTECTIVE GLOVES:** Chemical resistant.**EYE PROTECTION:** Safety glasses and/or chemical goggles.**OTHER PROTECTIVE EQUIPMENT:** Eye wash station.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Corrosive material. Store away from alkaline material and reactive chemicals. Do not mix with any other cleaning chemicals. Keep container tightly closed when not in use.**OTHER PRECAUTIONS:** Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (sulfamic acid)**DOT CLASS:** 8**DOT ID NUMBER:** NA 1760**DOT PACKING GROUP:** III

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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