



# ROCSAM II, Heavy Duty Powdered Acid Cleaner

## 5. FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	(F): None (C): Not determined
<b>METHOD:</b>	None
<b>FLAMMABLE LIMITS IN AIR</b>	
<b>LOWER (%):</b>	No data
<b>UPPER (%):</b>	No data
<b>SENSITIVITY TO MECHANICAL IMPACT(Y/N):</b>	NO
<b>SENSITIVITY TO STATIC DISCHARGE:</b>	Sensitivity to static discharge is not expected.
<b>SUITABLE EXTINGUISHING MEDIA:</b>	Water fog, carbon dioxide, foam, dry chemical.
<b>FIRE FIGHTING PROCEDURES:</b>	Corrosive material. Avoid exposure to mist and splashes. Firefighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

<b>SPILL PROCEDURES:</b>	
<b>SMALL SPILLS:</b>	Flush with water.
<b>LARGE SPILLS:</b>	Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers. Neutralize with lime, soda ash, or sodium bicarbonate. Flush remainder with water.
<b>PERSONAL PRECAUTIONS:</b>	Not applicable
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not applicable
<b>METHODS FOR CLEANING UP:</b>	Not applicable

## 7. HANDLING AND STORAGE

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	<b>DANGER:</b> Concentrated acidic liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry area. Store in a well ventilated area. Always add only small amounts of product to water at any one time, while continuously stirring. Mix only with cool water.
<b>OTHER PRECAUTIONS:</b>	Do not reuse container. Read and follow label instructions. Keep out of reach of children.
<b>SPECIFIC USE(S):</b>	Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT:



<b>EXPOSURE CONTROLS:</b>	None known.
<b>RESPIRATORY PROTECTION:</b>	None normally required.
<b>PROTECTIVE GLOVES:</b>	Rubber or plastic gloves recommended to minimize skin contact.
<b>EYE PROTECTION:</b>	Goggles. Face shield.
<b>OTHER PERSONAL PROTECTION EQUIPMENT:</b>	Rubber boots. Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible.
<b>VENTILATION:</b>	Not normally required. General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Corrosion resistant equipment recommended. When cleaning aluminum or galvanized surfaces, use explosion proof equipment to remove any hydrogen gas.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR:</b>	Odorless. Lavender crystalline powder.
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**BOILING POINT (F):** NA (C) Not determined  
**VAPOR PRESSURE:** Not volatile  
**VAPOR DENSITY (AIR=1):** Not volatile  
**SOLUBILITY IN WATER:** Not determined  
**SPECIFIC GRAVITY:** Approx. 2.126  
**VOC Content (%):** NA  
**EVAPORATION RATE:** NA  
**PH:** 1 - 1.3 (1% solution)

### 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** At elevated temperatures, concentrated solutions may hydrolyze rapidly generating heat and steam. Decomposes with heat (408 F).  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Do not mix with: Alkalines. Chlorine containing materials. Peroxides. Reducing agents. Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Reaction will generate hydrogen gas. This gas is flammable and/or explosive in presence of ignition source.  
**CONDITIONS/HAZARDS TO AVOID:** Extreme heat, direct sunlight.

### 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** Not Established  
**EFFECTS OF CHRONIC EXPOSURE:** Not established.  
**OTHER TOXIC EFFECTS:** Not established.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data at this time  
**CHEMICAL FATE INFORMATION:** No data at this time.  
**MOBILITY:** Not applicable.  
**PERSISTENCE/DEGRADABILITY:** Not applicable  
**BIOACCUMULATIVE POTENTIAL:** Not applicable  
**OTHER ADVERSE EFFECTS:** Not applicable

### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** Dispose in accordance with Federal, State and Local regulations.

### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

### 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
SULPHAMIC ACID 5329-14-6	98 min.	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SULPHAMIC ACID 5329-14-6	98 min.	Not Listed	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SULPHAMIC ACID 5329-14-6	98 min.	Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
SULPHAMIC ACID 5329-14-6	98 min.	Listed

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

**\*\*\* END OF MSDS \*\*\***