



# DESCALE-SAFE SDS

Date Revised: 06/01/2015

## SECTION 1: PRODUCT IDENTIFICATION

<b>Manufacturer Name</b>	Grease Magic	<b>24 Hour Emergency Telephone</b>	800-435-5868
<b>Address</b>	3784 11 Mile Rd Berkley, MI 48092	Fax: 248-548-5454	
		greasemagic.com	
<b>Trade Name</b>	EEL	<b>Product Type</b>	Cleaner
<b>Chemical Family</b>	Acid	<b>Formula</b>	N/A

## SECTION 2: HAZARDOUS IDENTIFICATION

### GHS Classifications

Health, Acute toxicity, 4 Oral  
 Health, Acute toxicity, 4 Dermal  
 Health, Skin corrosion/irritation, 1 B  
 Health, Acute toxicity, 4 Inhalation

### GHS Phrases:

Warning, H302 – Harmful if swallowed  
 Warning, H312 – Harmful in contact with skin  
 Danger, H314 – Causes severe skin burns and eye damage  
 Warning, H332 – Harmful if inhaled

### GHS Label Elements

**Signal Word:**

**GHS Pictograms:**

**Warning**

None

### Precautionary Statements:

#### Prevention:

Wash thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Wear protective gloves/protective clothing/eye  
 protection/face protection.

### Response:

**-Ingestion**

-IF SWALLOWED: Call a Poison Center or doctor/physician if you feel unwell.

**-Skin**

-IF ON SKIN: Wash with soap and water.

**-Eyes**

- IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice/attention.

This material must be handled as a hazardous waste.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Sulfamic Acid		5329-14-6		



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## SECTION 4: FIRST AID MEASURES

<b>Eyes</b>	Flush with water for 15 minutes, if irritation persists, consult physician
<b>Skin</b>	Wash with soap and water, if irritation persists, consult physician
<b>Ingestion</b>	Give large quantity of water, get medical attention
<b>Inhalation</b>	Remove to fresh air, get immediate medical attention

## SECTION 5: FIRE FIGHTING MEASURES

<b>Flash Point (T.C.C.)</b>	N/A	<b>Boiling</b>	None to limits
<b>Flammable Limits</b>	N/A	<b>Upper</b>	Lower
<b>Extinguishing Media</b>	None	<b>Special Fire Fighting Procedures</b>	Beware of hazard decomposition
<b>Unusual Fire and Explosion Hazards</b>	None		

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Steps to be taken if released or spilled</b>	Dilute with water
<b>Waste disposal methods</b>	Dispose to drain according to local, state and federal regulations

## SECTION 7: HANDLING AND STORAGE

Precautions to be taken in handling and storage
Other: KEEP OUT OF REACH OF CHILDREN
Keep container tightly closed and store in a cool place. Do not mix with other chemicals

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Respiratory Protection</b>	N/A		
<b>Ventilation</b>	Local X	Mechanical	Other
<b>Protective Gloves</b>	Impervious to chemicals	<b>Eye Protection</b>	Chemical goggles
<b>Other Protective Clothing or Equipment</b>	Protect parts of body that may come in contact with product		
<b>Work/Hygienic Practices</b>	Wash with soap and water after contact		

Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

No OSHA PEL established for listed chemicals.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point (degrees F)</b>	212 F	<b>Specific Gravity (H2O=1.0)</b>	N/A	<b>pH</b>	1
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Vapor Density (Air = 1)</b>	N/A	<b>Melting Point (degrees F)</b>	N/A
<b>Solubility in Water</b>	Complete X	Invisible	Emulsible (or dispersible)	Slight (or partial)	
<b>Evaporation Rate (vs. H2O)</b>		Faster	Slower	About the same X	
<b>Appearance and Odor</b>	Green liquid				



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## SECTION 10: STABILITY AND REACTIVITY

<b>Stability</b>	Stable	<b>Incompatibility</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Sulfur dioxide, sulfur trioxide	<b>Hazardous Polymerization</b>	Will not occur

## SECTION 11: TOXICOLOGY INFORMATION

<b>Threshold Limit Value – Product (Section 2-TLV)</b>	None Established X	Not Applicable			
<b>Primary Routes of Exposure</b>	Eye X	Skin	Oral	Inhalation	Other
<b>Signs and Symptoms of Over-exposure (acute)</b>					
<b>Eyes</b>	May cause irritation	<b>Skin</b>	Contact may cause irritation		
<b>Inhalation</b>	Not expected to pose any symptoms or adverse health effects.	<b>Ingestion</b>	May cause irritation of the digestive tract, cause pain		
<b>Signs and Symptoms of Over-exposure (chronic)</b>		Not established			
<b>Medical Conditions aggravated by Over-exposure</b>		None known			
<b>Carcinogen or Suspect Carcinogen Ingredients</b>		NP	ARC	OSHA	None X
<b>Sulfamic Acid 5329-14-6</b>					
<b>Oral (LD 50):</b>	3160 mg/kg - Rat	<b>Skin irritation:</b>	Mild – Human		
<b>Inhalation (LC 50):</b>	Not listed on RTECS	<b>Eye irritation:</b>	Severe – Rabbit		
<b>Sensitization:</b>	Not considered an occupational sensitizer.				

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

A: General Product Information

Harmful to aquatic life in very low concentrations. Sulfamic Acid is toxic to fish and marine organisms when applied to streams, rivers, ponds, or lakes.

B: Ecotoxicity

Sulfamic Acid (5329-14-6)

LC50 (Pimephales promelas, fathead minnow) 96 hours = 58.8-84 mg/L, fresh water, 22 deg C

### Environmental Fate

No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### US EPA Waste Number & Descriptions

A: General Product Information

As shipped, this product has no EPA waste code. Solutions of this product may be considered D002, corrosivity waste under RCRA. Wastes should be tested to determine applicability.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.



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## Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations. Material can be converted to a less hazardous material by weak reducing agents followed by neutralization.

## SECTION 14: TRANSPORTATION INFORMATION

Ship per regulations 49 CFR. Non-hazardous for air, sea and road freight.

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

#### A: General Product Information

No additional information.

#### B: Component Analysis

This product does not contain any chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4):

SARA 302 (EHS TPQ): There are no specific Threshold Planning Quantities for Sulfamic Acid. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs. (4,540 kg) therefore applies, per 40 CFR 370.20.

#### C: Sara 311/312 Tier II Hazard Ratings:

Component	CAS #	Fire Hazard	Reactivity Hazard	Pressure Hazard	Immediate Health Hazard	Chronic Health Hazard
Sulfamic Acid	5329-14-6	No	No	No	Yes	Yes

### State Regulations

#### A: General Product Information

California Proposition 65

Sulfamic Acid is not on the California Proposition 65 chemical lists.

#### B: Component Analysis – State

The following components appear on one or more of the following state hazardous substance lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Sulfamic Acid	5329-14-6	No	No	No	No	Yes	No

### Other Regulations

#### A: General Product Information

No other information available.

#### B: Component Analysis – Inventory

Component	CAS #	TSCA	DSL	EINECS
Sulfamic Acid	5329-14-6	Yes	Yes	Yes

#### C: Component Analysis – WHMIS IDL

This product is listed under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Sulfamic Acid	5329-14-6	1%



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ANSI LABELING (Z129.1): DANGER! MAY BE FATAL IF SWALLOWED. CAUSES SKIN AND EYE BURNS. HARMFUL IF INHALED. Do not taste or swallow. Do not get on skin or in eyes. Avoid breathing dusts or particulates. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Wear gloves, goggles, faceshields, suitable body protection, and NIOSH/MSHA-approved respiratory protection, as appropriate. FIRST AID: In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes while removing contaminated clothing and shoes, if inhaled, remove to fresh air. If ingested, do not induce vomiting. Get medical attention. IN CASE OF FIRE: Use water fog, dry chemical, CO<sub>2</sub>, "alcohol" foam. IN CASE OF SPILL: Absorb spill with inert material or neutralizing agent for bases. Place residue in suitable container. Consult Material Safety Data Sheet for additional information.

## SECTION 16: OTHER INFORMATION

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	2	0	2	0	B
HMIS	2	0	2	0	B

### Note to Reader

The information contained herein is deemed accurate and complete at the time of this publication. Use of the product beyond care, custody and control of the manufacture shall bear no warranty whether implied or expressed. DSC Products, Inc. assumes no liability for injury to any person or property resulting of this product without strict adherence to safety procedures. User bears all risks concerning use of the product as designated through labeling. It is recommended any and all data, directives and recommendations should be followed accordingly. This does not apply to any combination with other materials, chemical compounds or processes not inclusive of aforementioned specifications.