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## Section 1 – Product Identity as used on Label

### SCUM BUM

MSDS Prepared: June 1999

Manufacturer: Descale-It Products Company  
4357 S. Santa Rita Ave.  
Tucson, AZ 85714

# MATERIAL SAFETY DATA SHEET (MSDS)

## Section 2 – Hazardous Ingredients/Identity Information

Hazardous Components <i>(Specific Chemical Identity/Common Names(s))</i>	CAS #	TWA	STEL	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Hydroxyacetic Acid (Glycolic Acid)	79-14-1	*	N/D	N/E	N/E	*	N/D

\*The DuPont Acceptable Exposure Limit (AEL) is 10 mg/m<sup>3</sup> (3 ppm), 8 and 12 hours TWA.

**NFPA Ratings:** Health: N/D Fire: N/D React: N/D Specific Hazard: N/D  
**HMIS Ratings:** Health: N/D Fire: N/D React: N/D PPI: N/D

## Section 3 – Physical/Chemical Characteristics

<b>Boiling Point</b> 100.0 ± 1 °C	<b>Specific Gravity (H<sub>2</sub>O=1)</b> 1.04 ± 0.01 gm/ml
<b>Vapor Pressure (mm Hg)</b> N/D	<b>Melting Point</b> <b>Freezing Point</b> N/D                      N/D
<b>Vapor Density (Air=1)</b> N/D	<b>Evaporation Rate (Butyl Acetate=1)</b> N/D
<b>Solubility in Water</b> Complete	<b>pH</b> 2.4 ± 0.05
<b>Appearance and Odor</b> Translucent, off-white liquid, lime odor	<b>Percent Volatile Organics</b> N/D

## Section 4 – Fire and Explosion Hazard Data

<b>Flash Point 1 (Method used)</b> N/D	<b>Flammable Limits</b> <b>LEL</b> <b>UEL</b> (In air, % by volume)      N/D      N/D
<b>Extinguishing Media</b> N/D	<b>Auto Ignition Temperature</b> N/D
<b>Special Fire Fighting Procedures</b> N/A	<b>Unusual Fire and Explosion Hazards</b> Not flammable

## Section 5 – Reactivity Data

<b>Stability:</b>	<b>Unstable</b>	<b>Stable</b> XX	<b>Conditions to avoid</b> N/D
<b>Incompatibility (Materials to avoid)</b> Avoid mixing with chlorinated products, cyanide salts, & sulfides. If so mixed, chlorine gas, hydrogen cyanide, or hydrogen sulfide may result.			
<b>Hazardous Decomposition or Byproducts</b> Will not occur			
<b>Hazardous Polymerization:</b>	<b>May Occur</b>	<b>Will Not Occur</b> XX	<b>Conditions to Avoid</b> N/D

N/A = Not Applicable

N/D = No Data Available

N/E = Data Not Established

Continued on reverse

## Section 6 – Health Hazard Data

**Primary Route(s) of Entry:**      **Inhalation?**                      **Skin?**                      **Ingestion?**                      **Eyes?**  
N/D

**Health Hazards (Acute and Chronic)**  
N/D

**Carcinogenicity:**                      **NTP?**                      **IARC Monographs?**                      **OSHA Regulated?**  
None

### Signs and Symptoms of Exposure

Eyes: Eye irritant. May cause mild, transient irritation.

Skin: May sting in open cuts. Not considered to be a skin irritant.

Skin absorption: N/D

Ingestion: Large quantities may cause temporary diarrhea. Based LD50 greater than 5000 mg/kg of body weight.

Inhalation: None

### Medical Conditions Generally Aggravated by Exposure

N/D

### ™Emergency and First Aid Procedures

Eyes: Flush with water. Contact a physician if irritation persists.

Skin: Flush with water.

Ingestion: Drink large quantities of water. Contact a physician if discomfort persists.

Inhalation: N/D

## Section 7 – Precautions for Safe Handling and Use

### Steps To Be Taken in Case Material is Released or Spilled

Flush with water.

### Waste Disposal Method

Material is water-soluble and biodegradable. Consultation with local authorities is advised to ensure compliance with federal, state and local laws and regulations.

☞ All wastes must be disposed of in accordance with federal, state and local regulations.

### Precautions To Be Taken in Handling and Storing

No special requirement.

### DOT shipping Classification

N/D

## Section 8 – Control Measures

### Respiratory Protection (Specific Type)

Not required

<b>Ventilation</b>	<b>Local Exhaust Mechanical (General)</b>	<b>Special Other</b>	N/D
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<b>Protective Gloves</b>	<b>Eye Protection</b>
Not Required	Not Required

### Other Protective Clothing or Equipment

Not required

### Work/Hygienic/Maintenance Practices

N/D

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