



SCUM GUARD

Shower and Sink Cleaner

DESCRIPTION

Scum Guard is the answer to your shower and sink problem.

Scum Guard is the safe effective way to remove that unsightly and unhealthy build up of soap scum, body oils, skin particles and mineral deposits from sink and shower areas.

Scum Guard was designed with a very pleasant, mild citrus fragrance. It's phosphate free and contains no corrosive chemicals so there are no harsh fumes. It won't harm ceramic tile, grout, enamel, porcelain, laminated plastics, fiberglass or the metals commonly found in sink and shower areas.

DIRECTIONS

Scum Guard is great for shower walls, floors and fixtures as well as sinks, counter tops and walls.

For heavy duty scum:

Apply *Scum Guard* undiluted with a sprayer, sponge or soft brush. Let stand for a moment then agitate vigorously and rinse your troubles away.

For moderate deposits:

Use 64 oz. *Scum Guard* per gallon of water (500 mL/litre) (1:2).

For preventative maintenance:

Clean regularly with 3 oz *Scum Guard* per gallon of water (25 mL/litre)(1:40).

PHYSICAL DATA

Appearance	Clear liquid
Color	Bright green
Foam	High
Odor	Citrus lemon
pH	11.5 – 12.0

Sparkling results your customers can really appreciate.

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: SCUM GUARD Product Use: <i>Non acid shower/sink cleaner.</i> M-chem Technologies Inc. 1607 Derwent Way Delta, BC V3M 6K8, Canada Phone: (604) 526-5655	WHMIS CODE: D2B Proper Shipping Name: N/A Hazard Class: N/A UN Number: N/A EMERGENCY PHONE Canada: Canutec 613-996-6666 U.S.A.: Chemtrec 800-424-9300	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2">HMIS</th> </tr> </thead> <tbody> <tr> <td style="width: 20px;">2</td> <td>Health</td> </tr> <tr> <td>0</td> <td>Flammability</td> </tr> <tr> <td>0</td> <td>Reactivity</td> </tr> <tr> <td>B</td> <td>Personal</td> </tr> </tbody> </table> <p style="font-size: small;">A=Goggles, B=Goggles & Gloves C=Goggles, Gloves and Apron</p>	HMIS		2	Health	0	Flammability	0	Reactivity	B	Personal
HMIS												
2	Health											
0	Flammability											
0	Reactivity											
B	Personal											
ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than												

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
OCTYLPHENOXYPOLYETHOXYETHANOL LD50 (oral rat) 1800 mg/kg LD50 (dermal) N/D LC50 N/D	9036-19-5	1.0-5.0	N/A	N/A
NITRILOTRIACETIC ACID Na SALT Exposure Limit Skin: 25 ppm The above item is reported per 40 CFR 372, Section 313 of Emergency Planning & Community Right-To-Know Act of 1986. LD50 (oral rat) 830 mg/kg LD50 (dermal) Not Available LC50 Not Available	18662-53-8	1.0-5.0	None	N/E
ALCOHOL ETHOXYLATE LD50 (oral rat) 1376 mg/kg LD50 (dermal rabbit) >2 g/kg	68439-46-3	1.0-5.0	N/A	N/A

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear yellow-green, lime scent. Physical State: Liquid. Coef. Water/Oil Dist: Greater than 1.0	Boiling Point: N/D Melting Point: N/A Evaporation Rate: N/D	Vapor Pressure (mm HG): N/D Vapor Density: N/D Solubility in Water: Soluble	pH: 11.0 +/- 0.5 Specific Gravity: 1.099 @ 20°C Odor Threshold: No Data
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SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C (TCC)
 Sensitivity to Mechanical Impact: None.
 Extinguishing Media: Not flammable.
Flammable Limits: None known.
 Sensitivity to Static Discharge: None.
 Auto ignition Temperature: None known.
Conditions of Flammability: None.
Unusual Fire and Explosion Hazards: None known.
Hazardous Combustion Products: Decomposition may produce oxides of carbon, nitrogen and other unidentifiable organic compounds.
Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
Hazardous Polymerization: Will not Occur.
Incompatibility (material to avoid): Strong oxidizers and acids.
Hazardous Decomposition Products: Oxides of carbon, nitrogen, and other unidentifiable organic compounds.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
 Routes of Entry: Skin, eyes, inhalation.
Irritancy of Product: Irritating to skin, eyes and respiratory system.
 Carcinogenicity: None known.
Sensitization: None known.
 Mutagenicity: None known.
Name of Toxicological Synergistic Product: None known.
 Reproductive Toxicity: None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation, dryness or dermatitis.
Effects of Acute Exposure to Product: Product exposure may cause skin and eye irritation. Prolonged inhalation of vapors or mists may irritate respiratory tract causing headaches, nausea, central nervous system effects, etc. Ingestion may cause gastrointestinal discomfort, and symptoms similar to inhalation.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Normally not required. However, if misting or spraying of product causes irritation, wear a NIOSH/MSHA approved dust/mist respirator.
Ventilation: Use with normal ventilation.
Protective Gloves: Normally not required. However, the use of rubber gloves is recommended to minimize skin dryness from prolonged or repeated product use.
Eye Protection: Normally not required. However, wearing of safety goggles is recommended if there is a risk of product splashing into eyes during product use.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30oC (86°F) and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30oC (86°F) and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:

If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

PHONE: 604-526-5655

LAST UPDATE: 07/04/11

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE