

Safety Data Sheet

In accordance with US Hazard Communication Standard 1910.1200

1 Identification

Product Identifier and other means of identity

GRIME EATER® POWER MAX® WITH PUMICE HAND CLEANER

Supplier

Grime Eater Products Ltd.
3610 Odyssey Drive, Unit # 1
L5M 0Z9 Mississauga, ON - Canada
T 905-820-2255, (Outside Ont.) 1-888-424-2976

Recommended use and restriction on use

Hand cleaner. Do not use for any other purposes. Keep out of reach of children.

Emergency telephone number and any restrictions on the use of that number, if applicable

IMMEDIATELY contact the local POISON CONTROL center for your area (24 hours): United States: 1-800-222-1222

2 Hazard Identification

Signal Word

WARNING

Pictographs



Hazard Classifications and categories

Skin corrosion/irritation – Category 3
Sensitization – skin – Category 1
Eye damage/irritation – Category 2

Hazard Statements

Causes mild skin irritation.
May cause allergic skin reaction.
Causes serious eye damage.

Precautionary Statements

PREVENTION

Avoid breathing mist, vapors or spray. Contaminated work clothing must not be allowed out of the workplace. Wear appropriate eye and face protection.

RESPONSE

If skin irritation occurs: Get medical attention. Treat symptomatically. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists: Get medical attention. Wash contaminated clothing before reuse.

DISPOSAL

Dispose of contents and empty container in accordance with local, State and federal regulations.

Other Hazards

May cause gastro-intestinal irritation if ingested.

% of ingredients of unknown toxicity

Not applicable.

Safety Data Sheet

In accordance with US Hazard Communication Standard 1910.1200

3 Composition / Information on ingredients

Chemical Name and Synonyms	CAS #	Concentration % by weight
Butyl levulinate n-Butyl 4-oxopentanoate Pentanoic acid, 4-oxo-, butyl ester	2052-15-5	5-10*
Secondary alcohols, C ₁₂₋₁₄ , ethoxylated Alcohols, C12-14-secondary, ethoxylated	84133-50-6	5-10*
Benzaldehyde Benzoic aldehyde	100-52-7	<0.2*
Ethyl levulinate Ethyl 4-oxopentanoate	539-88-8	1-5*

*Actual concentrations withheld as a trade secret.

4 First Aid Measures

Description of necessary first aid measures

INHALATION

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

INGESTION

Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out the mouth with water. Get medical attention immediately.

SKIN CONTACT

Launder clothing before reuse. Seek medical attention if symptoms or irritation occurs.

EYE CONTACT

Immediately flush eyes with plenty of clean water for an extended time, not less than fifteen (15) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. Seek medical attention if irritation develops or persists.

The most important symptoms and effects (acute or delayed)

Mild skin irritation from prolonged skin contact, possible rash. Eye irritation. Gastro-intestinal irritation if ingested.

Immediate and special treatment

Treat symptomatically. A copy of this safety data sheet should accompany a worker seeking treatment for potential exposure to this product.

5 Fire-Fighting Measures

Suitable and unsuitable extinguishing media

Use water spray, foam, dry chemical or carbon dioxide, suitable for surrounding fire. No unsuitable media are known.

Special hazards

Closed container may rupture (due to build up in pressure) when exposed to extreme heat.

Irritating or toxic substances may be emitted upon burning, combustion or decomposition including oxides of carbon, nitrogen and aldehydes.

Safety Data Sheet

In accordance with US Hazard Communication Standard 1910.1200

Special protective equipment and precautions for firefighters

Wear self-contained breathing apparatus (SCBA) equipped with a full-face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing suitable for the surrounding fire. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.

6 Accidental Release Measures

Personal precautions Protective equipment Emergency procedures Method and materials for containment and clean up

Do not touch spilled material without personal protective equipment. Wear eye and face protection as needed to prevent contact with the eyes. If spilled in an enclosed area, ventilate. Stop leak. Move containers from spill area. Contain by diking with sand, earth or other non-combustible material. Wear proper personal protective equipment. Absorb spill with an inert material. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse.

7 Handling and Storage

Precautions for safe handling

As with any chemical product, use good laboratory/workplace procedures. Handle and open with care. Use under well-ventilated conditions. Avoid eye contact. Avoid inhalation of aerosol, mist, spray, fume, vapor or dust generated by this product. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Protect from extreme heat and freezing.

Conditions for safe storage including incompatibilities

Store under well-ventilated conditions at room temperature. Store this material away from incompatible substances such as strong oxidizing agents. Do not store in open, unlabeled or mislabeled containers. Keep container tightly closed when not in use. Empty container contains residual product which may exhibit hazards of product. Do not reuse empty container without adequate cleaning or reconditioning.

8 Exposure Controls / Personal Protection

Appropriate engineering controls

Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation. Ventilation must be adequate to maintain air concentrations below occupational exposure standards. When necessary use mechanical handling to reduce human contact with materials.

Safety Data Sheet

In accordance with US Hazard Communication Standard 1910.1200

Individual protection measures/personal protective equipment

Eye/Face	Take adequate measures to prevent eye contact.
Skin	Not necessary as this product is a hand cleaner.
Respiratory	None required under normal use and storage conditions.

Ingredient	Exposure limit value
Butyl levulinate	None established
Secondary alcohols, C ₁₂₋₁₄ , ethoxylated	None established
Ethyl levulinate	None established
Benzaldehyde	None established

9 Physical and Chemical Properties

Physical State	Viscous liquid
Color	White - Grey
Odor	Honey cherry
pH	6.0 – 7.0
Melting / Freezing Point °C	Not available
Initial Boiling Point / Boiling Range °C	Not available
Evaporation Rate	Not available
Flammability	Not flammable
Flash Point °C	Not available
Upper and Lower Flammability or Explosive Limits	Not available
Auto-Ignition Temperature °C	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Relative Density	1.03
Solubility	Soluble in water
Partition Coefficient (n-Octanol/Water)	Not available
Decomposition Temperature °C	Not available
Viscosity, Dynamic	15,000-19,000 cps @ 27.5 °C spindle 6 @ 12 rpm when made – may decrease over time
Particle characteristics	Not applicable

10 Stability and Reactivity

Reactivity	This product is stable when used and stored in accordance with the instructions on the label and this safety data sheet.
Chemical stability	This product is stable.

Safety Data Sheet

In accordance with US Hazard Communication Standard 1910.1200

Possibility of hazardous reactions Hazardous polymerization will not occur.

Conditions to avoid Excessive heat and freezing.

Incompatible materials Avoid strong oxidizing agents.

Hazardous decomposition products Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes and other products of incomplete combustion.

11 Toxicological Information

Likely route of exposure Eye, skin, inhalation and ingestion

Symptoms

Eyes Causes serious eye irritation, redness and pain.

Skin May cause mild skin irritation, rash or allergic reaction.

Inhalation Not expected to cause any acute or chronic effects.

Ingestion May cause gastro-intestinal irritation.

Delayed effects from short- and long-term exposure Possible skin sensitization due to the presence of benzaldehyde.

Carcinogenicity No component of this product present at concentrations greater than or equal to 0.1% has been identified as a probable, possible or recognized human carcinogen by IARC, OSHA or the NTP.

Mutagenicity Not available

Reproductive toxicity Not available

Other effects To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

Numerical measures of toxicity including ATEs	LD ₅₀ Oral mg/kg	LD ₅₀ Dermal mg/kg	LC ₅₀ (Gas, Vapor, Mist, Fume)
Butyl levulinate	>2000 rat	>2000 rat	Not likely to take place due to vapor pressure
Secondary alcohols, C ₁₂₋₁₄ , ethoxylated	Does not meet classification criteria		
Ethyl levulinate	>2000 rat	>2000 rat	Not likely to take place due to vapor pressure
Benzaldehyde	~1430 rat	>2000 rabbit	1-5 mg/L rat 4 hours

12 Ecological Information

Ecotoxicity, if available Not available

Persistence and biodegradability Not available

Bioaccumulative potential Not available

Mobility in soil Not available

Safety Data Sheet

In accordance with US Hazard Communication Standard 1910.1200

Other adverse effects Not available

13 Disposal Considerations

Disposal instructions Dispose of unused contents in a safe manner in accordance with federal, State and local regulations.

Disposal methods Empty cleaned containers can be recycled where local programs exist.

14 Transportation Information

UN Number NOT REGULATED

Proper Shipping Name Not applicable

Hazard Class(es) Not applicable

Packing Group Not

applicable **Environmental Hazards** Not

applicable **Special precautions** Not

applicable

Label None

Classification Statement This product has been classified in accordance with the 49CFR DOT regulations.

15 Regulatory Information

Canada's Domestic Substances List (DSL) All ingredients appear on Canada's Domestic Substances List

Significant New Activity notice (SNAC) None

National Pollutant Release Inventory (NPRI) None

Environmental Emergency Regulations (E2) None

US TSCA Inventory Status All ingredients appear on the TSCA inventory

Significant New Use Rule None

OSHA SARA III

Emergency Planning (301-303) Not applicable

Emergency Release (304) Not

applicable **Storage reporting (311-312)** Reportable

CERCLA reportable quantity Not applicable

Safety Data Sheet

In accordance with US Hazard Communication Standard 1910.1200

Hazardous Air Pollutants (HAPS)	Not applicable
California Proposition 65	No ingredients appear on the list

16 Other Information

Date of the latest revision	February 7, 2024
Revision number	1
Revision details	New
Abbreviations	CERCA – Comprehensive Environmental Response, Compensation and Liability Act DOT – Department of Transport EPCRA – Emergency Planning and Community Right to Know Act OSHA – Occupational Safety and Health Administration SARA – Superfunds Amendments and Reauthorization Act TSCA – Toxic Substances Control Act

SUPPLIERS DISCLAIMER: The information and the recommendations provided in this Safety Data Sheet (SDS) are believed to be accurate and are given in good faith. However, no warranty, expressed or implied, is given. Since the actual use of the product described herein is beyond our control, Grime Eater Products Limited assumes no responsibility or liability arising out of the use of the product by others. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the purchaser or user to ensure that his/her activities comply with all federal, state, provincial or local laws.