



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lightning Powder Gritz™ Hand Cleaner		DATE: August 01, 2011	
PRODUCT NUMBER: 2-0044 (1004975), 2-0046 (1004976)			
TRADE NAME: Gritz™ Waterless Hand Cleaner GENERAL USE: Skin Care Product CHEMICAL FAMILY: Hand Cleanser PRODUCT DESCRIPTION: Orange opaque, viscous liquid with citrus fragrance.			
MANUFACTURER: Safariland LLC		DATE PREPARED: August 1, 2011	
		SUPERSEDES: September 3, 2008	
ADDRESS (NUMBER, STREET, P.O. BOX): 13386 International Parkway		TELEPHONE NUMBER FOR INFORMATION / Customer Service: 800-347-1200	
(CITY, STATE AND ZIP CODE): Jacksonville, FL. 32218		COUNTRY: USA	
CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER			
		1-800-255-3924 North America Toll Free	01-813-248-0585 International

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
Non-flammable substance. May be harmful if ingested.

POTENTIAL HEALTH EFFECTS:

INHALATION:
N/A

SKIN:
Irritation and redness.

EYES:
Irritation and redness. Possible tearing.

INGESTION:
Can be harmful. Do not take internally. Gastro-intestinal irritation, nausea, vomiting, diarrhea may occur.

CARCINOGENICITY:

NTP? NO	IARC MONOGRAPHS? NO	OSHA REGULATED? NO
CALIFORNIA, Prop.65?	NO	

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Notes: Contains no hazardous materials reportable under OSHA 29 CFR 1910.1200 or EC Commission Directive 67/548/EEC.					

SECTION 4 - FIRST AID MEASURES

INHALATION:
Not likely. Remove victim to fresh air.

EYES:
Flush with water for 15 minutes occasionally lifting the eyelids.

SKIN:
Wash with mild soap and water.

INGESTION:
Give large amounts of water. Do not induce vomiting. Get medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
Non-flammable. High heat could result in combustion.

EXTINGUISHING MEDIA:
Foam, carbon dioxide, dry chemical. Water spray may be used to cool containers.

FIRE FIGHTING PROCEDURES:
Emergency responders should wear bunker gear and NIOSH or European EN-149 organic vapor respirators avoid exposure to decomposition products (29CFR 1910.156). Proper eye and skin protection should also be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None

HAZARDOUS COMBUSTION PRODUCTS:
Combustion produces major amounts of Carbon Monoxide, Carbon Dioxide, Nitrogen oxides, and Smoke.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wipe up small spills with paper towel and discard. Larger spills may require adding chalk or sawdust and discarding mixture.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not store above 120°F. Store in sealed containers, in upright position.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	PEL mg/m3
Notes: Contains no hazardous materials reportable under OSHA 29 CFR 1910.1200 or EC Commission Directive 67/548/EEC.								

RESPIRATORY PROTECTION:

Not generally required.

PROTECTIVE GLOVES:

Not needed

EYE PROTECTION:

If a splash hazard exists, the use of safety glasses is recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eye wash station in the event of eye contact with material.

WORK / HYGIENIC PRACTICES:

Use good housekeeping practices.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Orange opaque, viscous liquid with citrus fragrance.	VAPOR PRESSURE NE
% VOLATILE NA	SPECIFIC GRAVITY (WATER = 1) 0.963
BOILING POINT 175°F (79°C)	SOLUBILITY IN WATER Miscible
FLASH POINT NE	VISCOSITY NA
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) <1.0
AUTO-IGNITION TEMPERATURE NE	EVAPORATION RATE (WATER = 1) >1

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE X	CONDITIONS TO AVOID: Excessive heat.
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INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers such as chlorates, bromates, and nitrates, Strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Major amounts of Carbon Monoxide, Carbon Dioxide, Smoke, Soot

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Notes: Contains no hazardous materials reportable under OSHA 29 CFR 1910.1200 or EC Commission Directive 67/548/EEC.			

SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose of product waste as well as containers in accordance with all local, state and federal regulations.

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SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: None	
DOT HAZARD CLASS / Pack Group: None	IATA HAZARD CLASS / Pack Group: None
REFERENCE: 49 CFR	IMDG HAZARD CLASS: None
UN / NA IDENTIFICATION NUMBER: None	RID/ADR Dangerous Goods Code: None
LABEL: None	UN TDG Class / Pack Group: None
HAZARD SYMBOLS: None	Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): No

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act): No

Acute Health: No	Chronic Health: No
Fire: No	Sudden Release of Pressure: No
Reactive: No	

313 REPORTABLE INGREDIENTS: No

CERCLA (USA - Comprehensive Response Compensation and Liability Act): Not listed.

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: Not listed.

CPR (Canadian Controlled Products Regulations): Not listed

IDL (Canadian Ingredient Disclosure List): Listed.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Components listed on DSL.

EINECS (European Inventory of Existing Commercial Chemical Substances): Referenced.

WGK Water Quality Index: 1

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
None	None	None

SECTION 16 - OTHER INFORMATION

Legend: NA= Not applicable, NE= Not established, ND= Not determined.

HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	0	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	None Needed	3 = HIGH
			4 = EXTREME

REVISION SUMMARY:
 Revised to E.U. protocols 8/1/2011 supersedes 9/3/2008 issue. JTV

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.