

GP-3 GRANITE POLISHING COMPOUND

Revision date : 11/15/2015

SAFETY DATA SHEET


SDS # 964

Section 1 - Identification

Product Identifier GP3 Granite Polishing Compound
Other means of identification None
Recommended use Polishing compound.
Recommended restrictions For commercial and industrial use only.
Manufacturer / Importer / Supplier / Distributor Information
Company Name STONE PRO
1810 E. Ball Road, Anaheim, CA 92805
Address **Tell : 866-786-6310**
Fax : 714-422-1105
Emergency Phone **INFOTRAC 1-800-535-5053**

Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

		Category	Target Organ
Physical Hazards	Not Classified		
Health Hazards	Serious eye damage/eye irritation	1	
	Skin corrosion/irritation	1	
	Specific target organ toxicity, single exposure	3	respiratory tract irritation
OSHA defined hazards	Not Classified.		
Label Elements			
Hazard Symbol			
Signal Word	Danger		
Hazard statement	Causes severe skin burns and eye damage. May cause respiratory irritation.		
Precautionary statement			
Prevention	Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area.		
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.		
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.		
Hazard(s) not otherwise classified (HNOC)	None known.		

Section 3 - Composition/Information on ingredients

Mixture			
Hazardous Components	Ingredient Name	CAS #	%
	Magnesium fluorosilicate	16949-65-8	
	Phosphoric Acid	7664-38-2	

Other ingredients in this product are less than 1% by weight or 0.1% for carcinogens which are not hazardous and declared to be trade secret.

Section 4 - First-aid Measures

Inhalation If respiratory irritation or distress occurs, remove victim to fresh air. If breathing is difficult, give oxygen. If breathing stops, apply artificial respiration. CONSULT A PHYSICIAN.

SAFETY DATA SHEET

Skin contact	Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
Eye contact	Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Check and remove contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. DO NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration. Call a physician or poison control center immediately.
Most Important symptoms /effects, acute and delayed	Causes skin and eye burns.
Indication of immediate medical attention and special treatment	Treat symptomatically.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

Suitable extinguishing media	Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	None known.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment /instructions	Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.
General fire hazards	This product is not flammable or combustible.
Specific Methods	

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
Methods and materials for containment and cleaning up	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling	Do not get in eyes, on skin, or on clothing. Do not breathe mist or vapor. Do not taste or swallow. Use with adequate ventilation. Wash thoroughly after handling. Use Personal Protective Equipment recommended in section 8 of the SDS.
Conditions for safe storage, including any incompatibilities	Store away from incompatible materials. Keep container closed.

Section 8 - Exposure control/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Magnesium fluorosilicate (CAS 16949-65-8)	PEL	2.5mg/m ³	
Phosphoric Acid (CAS 7664-38-2)	PEL	1 mg/m ³	

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value	Form
Magnesium fluorosilicate (CAS 16949-65-8)	TWA	2.5 mg.m ³	Dust.

US. ACGIH Threshold Limit Values

Component	Type	Value	Form
Phosphoric Acid (CAS 7664-38-2)	STEL	3 mg/m ³	
Phosphoric Acid (CAS 7664-38-2)	TWA	1 mg/m ³	
Magnesium fluorosilicate (CAS 16949-65-8)	TWA	2.5 mg/m ³	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Magnesium fluorosilicate (CAS 16949-65-8)	TWA	2.5 mg/m ³	
Phosphoric Acid (CAS 7664-38-2)	STEL	3 mg/m ³	
Phosphoric Acid (CAS 7664-38-2)	REL	1 mg/m ³	

Biological limit values

US. ACGIH. PELs. Biological Exposure Indices

SAFETY DATA SHEET

OSHA ADMIN. REGS. BIOLOGICAL EXPOSURE LIMITS

Components	Value	Determinate	Specimen	Sampling Time
Magnesium fluorosilicate (CAS 16949-65-8)	3 mg/l	Flouride	Urine	*
Magnesium fluorosilicate (CAS 16949-65-8)	2 mg/l	Flouride	Urine	*

* - For sampling details, please see the source document.

Exposure guidelines Use personal protective equipment as required. Keep working clothes separately.

Appropriate engineering controls Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water supply and eye wash facilities.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear approved chemical safety goggles.

Skin protection

Hand protection Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Respiratory protection Use a respirator when local exhaust or ventilation is not adequate to keep exposures below the OEL. In a confined space a supplied respirator may be required.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and chemical properties

Appearance	White
Physical state	Paste
Form	Paste
Color	white
Odor	Odourless
Odor threshold	Not available.
pH (Concentrate)	2-3
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.1 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	10 - 99 % Soluble.
Partition Coefficient n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available
Viscosity Temperature	Not available

Section 10 - Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide.

SAFETY DATA SHEET

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	May cause burns of the gastrointestinal tract if swallowed.
Inhalation	Irritating to respiratory system.
Skin contact	Causes skin burns.
Eye contact	Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics
Causes skin and eye burns.

Information on toxicological effects.

Acute toxicity May cause burns.

Components	Level	Type	Code	Species	Results
Phosphoric Acid (CAS 7664-38-2)	Acute	Dermal	LD50	Rabbit	2740 mg/kg
	Acute	Inhalation	LC50	Rat	850 mg/m ³ , 4 H 25.5 mg/m ³
Magnesium fluorosilicate (CAS 16949-65-8)	Acute	Oral	LD50	Rat	1530 mg/kg
	Acute	Oral	LD50	Rat	291 mg/kg

Skin corrosion/irritation	Causes skin burns.
Serious eye damage/ eye irritation	Causes serious eye damage.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not available.

Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Irritating to respiratory system.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	
Further information	

Section 12 - Ecological Information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results	
033 (CAS MIXTURE), Aquatic			
EcoName	EcoCode	EcoSpecies	EcoTestResults
Crustacea	EC50	Water flea (Daphnia magna)	0.39 -0.56 mg/l, 48 hours
Fish	LC50	Flathead minnow (Pimephales promelas)	0.72 -2.7 mg/l, 96 hours
Phosphoric Acid, 7664-38-2 Aquatic			
EcoName	EcoCode	EcoSpecies	EcoTestResults
Fish	LC50	Mosquitofish (Gambusia)	138 mg/l, 96 h

Persistence and degradability The product is expected to be biodegradable.

Bioaccumulative potential Not known.

Mobility in soil Not available.

Mobility in general The product is water soluble and may spread in water systems.

Other adverse effects None known.

Section 13 - Disposal considerations

Disposal instructions Dispose in accordance with applicable federal, state, and local regulations.

Local disposal regulations Dispose of in accordance with local regulations.

Hazardous waste code Waste codes should be assigned by the user based on the application for which the product was used.

Waste from residues / unused products Dispose in accordance with all applicable regulations.

SAFETY DATA SHEET

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT

UN number	UN1805
UN proper shipping name	Phosphoric acid solution
Transport hazard class(es)	8
Subsidiary class(es)	
Packing group	III
Special precautions for users	Not available.
Labels required	
Special provisions	A7, IB3, N34, T4, TP1
Packaging exemption	154
Packaging non bulk	203
Packaging bulk	241

IATA

UN number	UN1805
UN proper shipping name	Phosphoric acid solution
Transport hazard class(es)	8
Subsidiary class(es)	
Packaging group	III
Environmental hazards	No
Labels required	
ERG Code	8L
Special precautions for user	Not available.

IMDG

UN number	UN1805
UN proper shipping name	PHOSPHORIC ACID SOLUTION
Transport hazard class(es)	8
Subsidiary class(es)	
Packaging group	III
Environmental hazards	
Marine pollutant	No
Labels required	
EmS	F-A, S-B
Special precautions for user	Not available.
Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code	Not available.

General Information

Section 15 - Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)	Not regulated.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)	
Components	Result
Phosphoric Acid (CAS 7664-38-2)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
SARA 302 Extremely hazardous substance		Not listed.
SARA 311/312 Hazardous chemical		Yes
SARA 313 (TRI reporting)		Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.

SAFETY DATA SHEET

Food and Drug Administration (FDA)	Not regulated.
US state regulations	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.
US.Massachusetts RTK - Substance List	Components Phosphoric Acid (CAS 7664-38-2)
US.New Jersey Worker and Community Right-to-Know Act	Components Phosphoric Acid (CAS 7664-38-2) Magnesium fluorosilicate (CAS 16949-65-8)
US.Pennsylvania RTK - Hazardous Substances	Components Phosphoric Acid (CAS 7664-38-2) Magnesium fluorosilicate (CAS 16949-65-8)
US.Rhode Island RTK	Components Phosphoric Acid (CAS 7664-38-2)
US - California Proposition 65 - Carcinogens Reproductive Toxicity (CRT): Listed substance	Not listed.

International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States	Toxic Substances Control Act (TSCA) Inventory	Yes
Puerto Rico		

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Other information, including date of preparation or last version

Issue date	11/15/2015
Revision date	11/15/2015
Version #	01

Further information

List of abbreviations

References

Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS.

Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.