

MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Magic Kleans'R Griddle Cleaner

PRODUCT CODE |

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE | 12-01-2013

DISTRIBUTOR
STREET ADDRESS
CITY, STATE, ZIP

PITCO Frialator Inc.
P.O. BOX 501
Concord, NH 03302

Transportation: (800) 424-9300*

*For spill, leak, fire or transport accident emergencies.

Product Information: (603) 225-6684

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	<u>EXPOSURE LIMITS</u>		
			OSHA PEL TWA 8/40h (mg/m3)	ACGIH TLV TWA 8/40h (mg/m3)	NIOSH REL TWA 8/40h (mg/m3)
Pumice (Amorphous metal silicates).	1332-09-8	99-100	15 (total dust) 5 (respirable)	10	10 (total dust) 5 (respirable)
Silica, quartz (Naturally occurring component in pumice)	14808-60-7	0.3% Total <0.1 Respirable	10/(SiO ₂ %+2) (respirable)	.025 (respirable)	0.05 (respirable) TWA 8/40h

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Contact can cause irritation to eyes, skin, respiratory system, and gastrointestinal tract.
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POTENTIAL HEALTH EFFECTS	
INGESTION	This product can cause mild irritation of gastrointestinal tract if swallowed.
INHALATION	This product can cause mild irritation of the respiratory system. Long-term Exposure may cause permanent damage. Pumice is not listed by MSHA, OSHA, or IARC as a carcinogen. However this product may contain trace amounts of crystalline silica in the form of quartz or crystobalite which has Been classified by IARC as a Group 1 carcinogen to humans when inhaled. Inhalation of silica can also cause a chronic lung disorder.
EYE CONTACT	Contact can cause irritation of eyes.
SKIN CONTACT	Contact can cause minor irritation of the skin.

SECTION 4 -- FIRST AID MEASURES

INGESTION	Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth unless instructed to do so by medical personnel.
INHALATION	Move victim to fresh air. Seek medical attention. If breathing has stopped, give artificial respiration.
EYE CONTACT	Immediately flush eye with cool running water for 15 minutes. Get medical attention. . Do not rub eyes.
SKIN CONTACT	Brush off or remove as much dry dust as possible. Wash with soap and water. If irritation develops or persists, get medical attention.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	None / N.A.	FLAMMABLE LIMITS	Not flammable or combustible
EXTINGUISHING MEDIA	Use extinguishing media appropriate for surrounding fire.		
SPECIAL FIRE FIGHTING PROCEDURES	Keep personnel away from and upwind of fire. Avoid skin contact or inhalation of dust. Wear full fire-fighting turn-out gear (full Bunker Gear) and respiratory protection (SCBA).		
FIRE AND EXPLOSION HAZARDS	Pumice is not combustible or flammable. This product is not considered to be an explosion hazard.		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	If powder is spilled, mist lightly with water to suppress dust while sweeping up, or use vacuum cleaner equipped with an efficient filter. Do not clean up with compressed air. Minimize dust generation and prevent bulk release to sewer or waterways.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Avoid generating dust. Avoid direct contact with material.
STORAGE PRECAUTIONS	Keep cover closed during storage. Store in cool dry, and well ventilated area.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene. Avoid generating dust.
ENGINEERING CONTROLS	Provide ventilation adequate to maintain PELs.

PERSONAL PROTECTIVE EQUIPMENT

X	RESPIRATOR	Use NIOSH/MSHA approved respirator if airborne concentration exceeds PELs.
X	GOGGLES / FACE SHIELD	Use safety glasses with side shields or safety goggles. Contact lenses should be avoided.
	APRON	Clothing should fully cover arms and legs.
X	GLOVES	Use appropriate gloves and footwear to prevent skin contact.
X	BOOTS	Use appropriate footwear to protect skin contact.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White Powder	BOILING POINT	NA
ODOR	No odor	FREEZING POINT	NA
pH	NA	VAPOR PRESSURE	NA
SPECIFIC GRAVITY	2.4	VAPOR DENSITY	NA
SOLUBILITY IN WATER	Partially soluble	EVAPORATION RATE	NA

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X	UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.				
INCOMPATIBILITY	Pumice should not be mixed or stored with the following material due to the potential of vigorous reaction and release of heat - Hydrofluoric Acid				
HAZARDOUS PRODUCTS OF DECOMPOSITION	None				
POLYMERIZATION		WILL NOT OCCUR	X	MAY OCCUR	
CONDITIONS TO AVOID	Not applicable				

SECTION 11 -- TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

OTHER EFFECTS

ACUTE	Not determined
CHRONIC	Not determined

SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established					
ECOTOXICITY	Because of its unreactive nature, it would not be expected to produce ecotoxicity upon exposure to aquatic organisms in aquatic systems.					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Disposable as non-toxic waste in sanitary landfill. Check local and state guidelines.								
RCRA CLASSIFICATION	Non-hazardous								
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE		NO	

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	Not applicable					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
	KOSHER	
	SARA TITLE III MATERIAL	
	USDA AUTHORIZED	
X	CA Prop 65	California Proposition 65 lists respirable crystalline silica (10 microns) as a carcinogen. This product may contain trace amounts of quartz (respirable crystalline silica.)

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

1	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is by Pitco, assumed in connection with the use of this information.