



June 19, 2006

MATERIAL SAFETY DATA SHEET

SECTION I.

PRODUCT IDENTIFICATION

Product name: PUMICE
 Part Number: B720-1404
 Trade name: CHRYSTAL DOMESTIC PUMICE, C.D.PUMICE
 CANYON, VOLCANIC, USA, FILTER LITE
 Chemical family: NON-METALLIC SILICATE MINERALS
 Formula: SiO2 72%, Al2O3 12.5%, K2O & Na2O 11.1%
 CAS No: 1332-09-8
 Origin: PUMICE IS A NATURALLY OCCURRING NON-METALLIC MINERAL, A PRODUCT OF MINING.

SECTION II.

HAZARDOUS

INGREDIENTS

Preservatives & Solvents: NONE
 Other gases & liquids: NONE
 Major solids: PUMICE IS NON HAZARDOUS
 Other solids: THIS MINERAL CONTAINS SMALL
 AMOUNTS OF QUARTZ
 NON-RESPIRABLE (CAS #14808-60-7) GREATER THAN 0.1% IN BULK MATERIAL AND LESS THAN 0.1% IN THE RESPIRABLE MATERIAL.

SECTION III.

PHYSICAL

DATA

Percent, volatile: NONE
 Solubility in water: INSOLUBLE
 Vapor pressure (mm Hg): NOT APPLICABLE
 Vapor density (Air=1): NOT APPLICABLE
 Specific gravity: 2.6 TRUE, 0.3 TO 0.6 APPARENT
 Appearance: OFF WHITE POWDER, GRAIN OR CHUNK
 O dor: N ONE

SECTION IV.

FIRE AND EXPLOSION HAZARD DATA

Flash point: NOT APPLICABLE
 Extinguishing media: WILL NOT BURN
 Special Fire Fighting
 Procedures: NONE
 Unusual Fire & Explosion Hazards: NONE
 HMIS Rating: 0

SECTION V.

REACTIVITY

DATA

Stability: STABLE
 Incompatibility: NONE
 Hazardous decomposition: NONE
 Hazardous polymerization: NONE
 HMIS reactivity rating: 0

SECTION VI. HEALTH

HAZARD DATA

Exposure limits:	OSHA PEL 80 mg/M3 % SiO2
ACGIH	TLV 80 mg/M3
Health hazards:	
Inhalation Acute:	TRANSITORY UPPER RESPIRATORY IRRITANT
Inhalation Chronic:	LONG TERM EXPOSURE TO DUST MAY CAUSE
SERIOUS	PULMONARY AND LUNG DAMAGE.
Signs and Symptoms of Overexposure:	ACCIDENTAL EXPOSURE MAY RESULT IN COUGHING, WHEEZING AND IRRITATION OF UPPER RESPIRATORY TRACT.
T	
Carcinogenicity:	
IARC Pumice:	THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPH VOL. 68 (1997) - IN GROUP 3 (NOT CLASSIFIABLE AS TO CARCINOGENICITY TO HUMANS).
IARC Silica:	THIS PRODUCT CONTAINS TRACE LEVELS OF CRYSTALLINE SILICA WHICH IARC CLASSIFIES AS CARCINOGENIC TO HUMANS. (GROUP 1 - CARCINOGENIC TO HUMANS) (REFER TO IARC MONOGRAPH 68, SILICA, SOME SILICATES AND ORGANIC FIBERS, PUBLISHED JUNE 1997).
NTP:	NO
OSHA Regulated:	NO
Medical conditions generally aggravated by exposure:	PRE-EXISTING ASTHMA, BRONCHITIS, EMPHYSEMA AND OTHER LUNG AND RESPIRATORY AILMENTS MAY BE AGGRAVATED BY OVEREXPOSURE.
Emergency and first aid procedures:	FLUSH EYES WITH COPIOUS AMOUNTS OF COOL WATER FOR 1-15 MINUTES. BLOW NOSE, RINSE MOUTH, DRINK WATER TO CLEAR THROAT.
HMIS health hazard rating:	0

SECTION VII. SPILL,

LEAK, STORAGE AND DISPOSAL

Precautions:	USE HANDLING TECHNIQUES THAT MINIMIZE GENERATING DUST AND PROMOTE GOOD VENTILATION. STORE BAGS OUT OF PATH OF MOVING VEHICLES. OBSERVE GOOD PLANT HOUSE KEEPING PRACTICES.
Spills and leaks:	IF POWDER IS SPILLED, MIST LIGHTLY WITH WATER TO SUPPRESS DUST WHILE SWEEPING UP, OR USE VACUUM CLEANER EQUIPPED WITH EFFICIENT FILTER BAGS. TRANSFER ANY BROKEN BAGS TO NEW BAGS.
Disposal:	DISPOSE AS NON-TOXIC WASTE IN LANDFILL

SECTION VIII. SPECIAL

PROTECTION

Respiratory:		DUST MASK 3M 9000 OR EQUIVALENT.
Ventilation:		LOCAL EXHAUST RECOMMENDED. AVOID DUSTY CONDITIONS.
Protective gloves:	NOT	NEEDED
Eye protection:	GOGGLES	RECOMMENDED
Other protection:	NONE	NEEDED
Hygienic practice:		AVOID VIGOROUS SHAKING OF BAGS. CLEAN CLOTHES WITH VACUUM HOSE, NOT AN AIR BLAST. WASH HANDS BEFORE
		TAKING FOOD.

IMPORTANT: WHILE THE DESCRIPTIONS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU PERFORM AN ASSESSMENT TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED, DATA OR INFORMATION SET FORTH. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, OR DATA PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DATA AND INFORMATION FURNISHED HEREUNDER ARE GIVEN GRATIS. NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DATA AND INFORMATION GIVEN ARE ASSUMED. ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.