



Camden-Grey Essential Oils
established 1998

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Material Safety Data Sheet

SECTION I.	PRODUCT IDENTIFICATION
Product name:	PUMICE
Chemical family:	SILICATE MINERALS
CAS No:	1332-09-8
Origin:	PUMICE IS A NATURALLY OCCURRING NON-METALLIC MINERAL, A PRODUCT OF MINING.

SECTION II.	ANALYSIS & HAZARDOUS INGREDIENTS
Formula:	SiO ₂ 72%, Al ₂ O ₃ 12.5%, K ₂ O & Na ₂ O 11.1%
Preservatives & Solvents:	NONE
Other gases & liquids:	NONE
Major solids:	PUMICE IS NON HAZARDOUS
Other solids:	THIS MINERAL CONTAINS SMALL AMOUNTS OF QUARTZ (CAS #14808-60-7) GREATER THAN 0.1%

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
Odor:	NONE

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.	STABILITY & REACTIVITY DATA
Stability:	STABLE
Incompatibility:	NONE
Hazardous decomposition:	NONE
Hazardous polymerization:	NONE
HMIS reactivity rating:	0

SECTION VI.

HEALTH HAZARD DATA & TOXICITY

Exposure limits: OSHA PEL 80 mg/M3 Pumice as nuisance dust.
ACGIH TLV 3mg/M3 Pumice as nuisance dust.
OSHA 10mg/M3 Silica as respirable quartz
ACGIH 0.05 mg/M3 Silica as respirable quartz

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.

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: YES, Crystalline Silica in respirable is classified as carcinogenic.

OSHA Regulated: NO

Medical conditions generally
aggravated by exposure: PRE-EXISTING ASTHMA, BRONCHITIS, EMPHYSEMA
AND OTHE LUNG AND RESPIRATORY AILMENTS MAY BE AGGRAVATED BY
OVEREXPOSURE.

HMIS health hazard
rating: 0

SECTION VII.

HANDLING

Precautions: USE HANDLING TECHNIQUES THAT MINIMIZE GENERATING DUST AND
PROMOTE GOOD VENTILATION.
STORE BAGS OUT OF PATH OF MOVING VEHICLES. OBSERVE GOOD
HOUSE KEEPING PRACTICES.

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.

SECTION IX

FIRST AID

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.

SECTION X

STORAGE

DRY, AMBIENT, NO DANGER TO FREEZING

SECTION XI

SPILLS AND CLEANUP

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.

SECTION XII

DISPOSAL

DISPOSE AS NON-TOXIC WASTE

SECTION XIII

ECOLOGY

PUMICE IS A NATURAL, INERT MATERIAL. IT DOES NOT DEGRADE NOR TRANSFORM ITSELF. AS SUCH IT IS NON-POLLUTING AND NON-DAMAGING TO THE ENVIRONMENT.

SECTION XIV

TRANSPORTATION

THERE ARE NO RESTRICTIONS ON TRANSPORTING PUMICE

SECTION XV

LEGISLATION

CONSULT THE COUNTRY OF USE. NO LEGISLATION SPECIFICALLY LIMITING THE USE OF PUMICE IS KNOWN

SECTION XVI

OTHER INFORMATION

VARIOUS WEBSITES CAN GIVE FURTHER INFORMATION PARTICULARLY FOR LOCAL REGULATIONS