

Natures Garden
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MATERIAL SAFETY DATA SHEET

SECTION I. PRODUCT IDENTIFICATION

Product name: CLAY, KAOLIN, CHINA CLAY, HYDRATED KAOLIN
Trade name: ELECTROS, PLUS WHITE, LION, DIAMOND, CALCINED,
HEPHZIBAH CLAY, CLAY PRILL, SNOWBRIGHT CLAY,
BRIGHT #75 AF, KAOPOLITE, SUPREX, SEPIOLITA 60-100
MESH
Chemical family: NATURALLY OCCURRING HYDRATED ALUMINUM
SILICATE
Formula: SiO_2 44%, Al_2O_3 34.5%
CAS No: 1332-58-7

SECTION II. HAZARDOUS INGREDIENTS

Preservatives & Solvents: NONE
Other gases, liquids, or solids: NONE
Minor component (2% or less) FREE RESPIRABLE SILICA (CAS# 14808-6-7)

SECTION III. PHYSICAL DATA

Percent, Volatile: NIL
Solubility in water: NIL
Vapor pressure: NONE
Specific gravity: 2.58
Appearance: WHITE or OFF-WHITE POWDER
Odor: NONE WHEN DRY; "EARTHY" ODOR WHEN WET

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: NONE
Extinguishing media: WILL NOT BURN
HMIS RATING: 0

SECTION V. REACTIVITY DATA

Stability: EXCELLENT
Incompatibility: NONE
Decomposition products: NONE
Hazardous polymerization: NONE
HMS Rating: 0

SECTION VI. HEALTH HAZARD DATA

THIS PRODUCTS IS CONSIDERED A NUISANCE DUST

Exposure limits of minor silica content

OSHA PEL:	0.1 mg/m ³	AS RESPIRABLE DUST
ACGIH:	0.1 mg/m ³	TLV-TWA AS RESPIRABLE DUST
NIOSH:	0.05 mg/m ³	AS RESPIRABLE FREE SILICA

Effects of overexposure

Short term:	COUGHING AND EYE IRRITATION
Long term:	CHRONIC EXPOSURE TO HEAVILY DUSTY CONDITIONS MAY LEA D TO REDUCED RESPIRATORY FUNCTION
ORAL LD rat toxicity:	GREATER THAN 5000mg/kg
Skin Irritation:	NONE
Eye Irritation:	SLIGHTLY IRRITATING BUT IMMEDIATELY REVERSIBLE

First Aid and emergency procedures

WASH OR FLUSH SKIN AND EYES WITH CLEAN WATER

Carcinogenicity

KAOLIN IS NOT A LISTED CARCINOGENIC. THE PRODUCT CONTAINS MORE THAN 1/10 OF A PERCENT OF FREE SILICA, WHICH IS CLASSIFIED BY IAAC 43, 1987 AS SHOWING LIMITED EVIDENCE FOR CARCINOGENCITY IN HUMANS.

SECTION VII. SPILL, LEAK, AND DISPOSAL

Spills and Leaks:	SWEEP & WET MOP. AVOID DUSTY CONDITIONS.
Disposal:	IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII. SPECIAL PROTECTION

Respiratory:	DUST MASK MAY BE USED.
Ventilation:	MINIMIZE DUST USING PROPER VENTILATION TO MEET PEL.
Protection Gloves:	NOT NEEDED
Eye Protection:	MAY BE USED
Other Protection:	NONE NEEDED

SECTION IX. SPECIAL PRECAUTIONS

AVOID DUSTY CONDITIONS. STORE IN DRY PLACE