

NUTRIMIX

FLORA CORP
675, MONTÉE ST-FRANÇOIS
LAVAL, QC
CANADA H7C 2S8

EMERGENCY TELEPHONE NUMBER: 1-877-384-9376
DATE: SEPTEMBER 06, 2011

HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

Hazardous Components (Chemical and common name)

COMPONENT:	Nuisance dust		
EXPOSURE LIMITS:		OSHA PEL	ACGIH TLV
	RESPIRABLE MASS:	5 mg / m ³	5 mg / m ³
	TOTAL MASS:	15 mg / m ³	15 mg / m ³

INGREDIENT

	CAS #	%
Expanded Perlite	93763-70-3	12-16
Expanded Vermiculite	1318-00-9	4-8

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT	Not applicable	Specific Gravity (H ₂ O=1)	0,15
VAPOR PRESSURE (MM HG)	Not applicable	Melting Point	Not applicable
VAPOR DENSITY (AIR=1)	Not applicable	Evaporation Rate (Butyl Acetate=1)	Not applicable
SOLUBILITY IN WATER	Not applicable		
APPEARANCE AND ODOR	From blond to dark fiber, earthy odor		

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	Not applicable	UNUSUAL FIRE AND EXPLOSION HAZARD	None
SPECIAL FIRE FIGHTING PROCEDURES:	None		
	Caution: Burning may continue inside piles or bags after surface fire is out. Seperate pile or break bags to assure that the fire is extinguished.		

REACTIVITY DATA

STABILITY:	Stable	CONDITIONS TO AVOID:	None Known
INCOMPATIBILITY (materials to avoid):	None known		
HAZARDOUS DECOMPOSITION or by PRODUCTS:	None		
HAZARDOUS POLYMERIZATION:	Will not occur	CONDITIONS TO AVOID:	None Known

HEALTH HAZARD DATA

ROUTE OF ENTRY:	INHALATION	SKIN	INGESTION	EYES
	Possible	Open wounds	Not applicable	Possible

CARCINOGENICITY

Long term exposure (10-15 years) to concentrated quartz dust, present in common soil mix ingredients such as Perlite, gypsum and sand, may cause significant risk of lung damage (silicosis). However, product water content renders significant exposure unlikely under typical use conditions.

SIGNS AND SYMPTOMS OF EXPOSURE:

Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease.

EMERGENCY AND FIRST AID PROCEDURES:

If inhaled, provide fresh air. If eye irritation occurs, flush with fresh water. Keep open wounds covered and clean as suggested by any good hygiene program.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use methods to clean spill which avoid creating airborne dust.

WASTE DISPOSAL METHOD:

The waste of this product is not defined as hazardous.

Dispose of all waste in accordance with federal, state and local regulation.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

If excessive dust is created, avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type.

OTHER PRECAUTIONS:

Protective eyewear should be worn where dust levels are high enough to cause irritation.

CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type):

If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

VENTILATION:

Local exhaust advisable if excessive dust is created.

PROTECTIVE GLOVES:

Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

EYE PROTECTION:

Protective eyewear should be worn where dust levels are high enough to cause irritation.

PROTECTIVE CLOTHING OR EQUIPMENT:

Normal work clothing.

WORK / HYGIENIC PRACTICES:

NIOSH or MSHA approved respirator, eye protection and ventilation under conditions where excessive dust is created.

Open wounds should be kept clean and protected.

SUPPLEMENT INFORMATION

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