

MATERIAL SAFETY DATA SHEET

Remove Watermark Now

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT TRADE NAME	Food Grade Diatomaceous Earth
MANUFACTURE	FOSSILPOWER
TELEPHONE NO.	Ph: 0447962119
CHEMICAL NAME	Diatomaceous Earth ,Uncalcined Silicates
CHEMICAL FAMILY	Diatomaceous Earth
GENERIC NAME	Amorphous Silica
DATE OF PREPARATION	22nd Jan.2019

SECTION 2: HAZARDS IDENTIFICATION

UNUSUAL FIRE AND EXPLOSION HAZARDS	None
THRESHOLD LIMIT VALUE	10mg/MQ TOTAL DUST: NUISANCE DUST
POSSIBLE EFFECTS OF A SINGLE OVEREXPOSE:	Acute accidental Exposure would be non-specific. Inhalation symptoms might include coughing, wheezing, difficult breathing and minor upper respiratory tract irritation.
POSSIBLE EFFECTS OF REPEATED OVEREXPOSURE	Chronic overexposure may cause Pnemoconiosis,known as (Dusty lung)
SKIN CONCERN	Unknown concern
EYE CONTACT	May cause temporary discomfort and irritation
INGESTION	Unknown hazard

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT IDENTIFICATION	APPROXIMATE CONCENTRATION (%)	
Diatomaceous Earth	100%	Diatomaceous Earth (Uncalcined)
Amorphous Silica		6mg/M3 TOTAL DUST,MSHA 10mg/M3 TOTAL DUST,ACGIH

SECTION 4: FIRST AID MEASURES

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INHALATION	Remove to fresh air. Drink water to clear throat. Blow nose to clear dust
EYES:	Flush eyes with large quantities of water. If irritation persists contact a physician.
SKIN CONTACT:	Wash affected area with soap and water
SKIN ABSORPTION:	N/A
INGESTION:	NOT HAZARDOUS WHEN INGESTED

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	None
FLAMMABLE LIMITS:	None
EXTINGUISHING MEDIA:	None
SPECIAL FIRE FIGHTING PROCEDURES:	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR SPILL/LEAK:	Vacuum clean or wet sweep spillage
WASTE DISPOSAL METHOD:	Waste should be disposed of in closed containers to prevent dust

SECTION 7: HANDLING AND STORAGE

As with all powders, limit the creation and inhalation of dust. Wet floor may become extremely slippery when diatomite is present. Store in a dry, cool place out of sunlight. Keep container closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Approved dust respirators for exposure to potentially high dust environments.
VENTILATION:	Local Exhaust Ventilation Recommended.
PROTECTIVE GLOVES:	Not required
EYE PROTECTION:	Safety Glasses
OTHER PROTECTIVE EQUIPMENT:	Not Required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE,COLOR	White powder	ODOR	Odorless
PHYSICAL STATE	Solid	pH (10% Suspension)	10
VAPOR PRESSURE	Not applicable	VAPOR DENSITY	Not applicable
BOILING POINT	Not applicable	MELTING POINT	> 1300 °C
FLASH POINT	Not applicable	FLAMMABILITY	Not applicable
FLAMMABILITY LIMITS	Not applicable	AUTOIGNITION TEMPERATURE	Not applicable
DECOMPOSITION TEMPERATURE	> 1300 °C	SPEC.GRAVITY / REL. DENSITY	2.3
EVAPORATION RATE	Not applicable	COEFF. - WATER/OIL	Not applicable
ODOR THRESHOLD	Not applicable	SOLUBILITY - WATER	< 1%
PARTITION COEFFICIENT	Not applicable		

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SECTION 10: STABILITY AND REACTIVITY

STABILITY	Inert
INCOMPATIBILITY	None
HAZARDOUS DECOMPOSITION PRODUCTS	None
HAZARDOUS POLYMERIZATION	None
CONDITIONS TO AVOID	None

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE	Inhalation (chronic)
SYMPTOMS	Not applicable
LD50	Not applicable
IMMEDIATE AND DELAYED EFFECTS	No immediate effects
CORROSIVENESS, SENSITIZATION,IRRITANCY	Not applicable
REPRODUCTIVE TOXICITY	Not applicable
TERATOGENICITY, MUTAGENICITY	Not applicable
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	Inhaled smoke from tobacco product(chronic)

SECTION 12: ECOLOGICAL INFORMATION

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CHARACTERISTICS	Non-biodegradable, inert, with little potential for bioaccumulation.
POSSIBLE EFFECTS	Diatomaceous earth products have shown some efficacy as a natural insecticide, but otherwise have no demonstrated toxicity in regards to aquatic or terrestrial life.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	If this material as supplied becomes a waste, use solid waste disposal common to landfill type operations or in slurry to sumps. Not considered a hazardous waste under RCRA (40CFR Part 261).
PACKAGING DISPOSAL	Dispose of in accordance with applicable laws and regulations, typically solid waste disposal common to landfill type operations.

SECTION 14: TRANSPORT INFORMATION

BASIC SHIPPING INFORMATION	DOT shipping classification 55 (no restrictions). Technical name is "Diatomaceous Earth".
ADDITIONAL INFORMATION	No special requirements or placarding necessary.

SECTION 15: REGULATORY INFORMATION

OSHA	None
TSCA	None
CERCLA	None
SARA TITLE III	Not listed
NTP	None
INTERNATIONAL	None
IARC	None
WHMIS CLASSIFICATION	None
WHMIS INGREDIENT DISCLOSURE LIST	Included for disclosure at 1% or greater. Meets criteria for disclosure at 0.1% or greater.

SECTION 16: OTHER INFORMATION

STORAGE SEGREGATION HAZARD GLASSES	N/A
SPECIAL HANDLING/STORAGE:	Repair all broken bags
SPECIAL WORKPLACE ENGINEERING CONTROLS	ADEQUATE VENTILATION TO KEEP DUST LEVEL BELOW PEL.