

MATERIAL SAFETY DATA SHEET

WHEELABRATOR SHASTA ENERGY COMPANY
20811 INDUSTRY DRIVE
ANDERSON, CA. 96007

EMERGENCY TELEPHONE NUMBER:

530-339-7600

FAX 530-365-2035

24 HOUR EMERGENCY
TELEPHONE NUMBER:
530-339-7609

SECTION 1: NAME

PRODUCT/TRADE NAME: Wood Fly Ash-Minash

EPA REGISTRATION NUMBER: None

CHEMICAL NAME/COMMON NAME:

Calcium/Calcium

Potassium Chloride/Potash

SECTION 2: HAZARDOUS INGREDIENTS

		CAS#	OSHA PEL	ACHIG TLV
Calcium 3.5%		7440-70-2	NE	NE
Potash	1.1%	7447-40-7	NE	NE
Inert	95.4%	NAIF	NAIF	NAIF

SECTION 3: PHYSICAL DATA

SPECIFIC GRAVITY (H2O=1): NA

VAPOR DENSITY (AIR = 1): NA

ODOR: Odorless

APPEARANCE: Black Granule

FLASH POINT /METHOD: NA

VAPOR PRESSURE (mmHg): NA

SOLUBILITY IN H2O: Insoluble

MELTING POINT: NE

% VOLATILES BY VOLUME: NA

SECTION 4: FIRE AND EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO2 Dry Chemical Other

FIRE FIGHTING PRECAUTIONS AND HAZARDS: Fight fire upwind. Wear positive pressure, self-contained breathing apparatus and full protective equipment. Avoid breathing smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses.

SECTION 5: CARCINOGEN STATUS

OSHA NTP IARC No Listing

SECTION 6: REACTIVITY

Stable Hazardous Polymerization
 Unstable May Occur Will not occur

AVOID: Aluminum, steel, copper or flammable organics

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, NO_x, ZnO

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate personal protective equipment. Vacuum or sweep up and place in a disposal container.

DECONTAMINATION: Treat area with detergent and water and absorb with inert material. Place in disposal container. Repeat procedure as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Dispose of in accordance with federal, state or local regulations.

SECTION 8: HEALTH PRECAUTION DATE

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.

INHALATION: No PEL/TLV established for this product. Do not breathe dust. Wear proper personal protective equipment for exposure above the nuisance particulate PEL/TLV 15 mg/m⁵ mg/m³ respirable.

SKIN ABSORPTION: Avoid contact with skin. This material may be a skin irritant. Wear proper personal protective equipment to reduce skin exposure.

EYE EXPOSURE: Keep out of eyes. This material is an eye irritant. Wear proper eye protection. If exposed, flush eyes a minimum of 30 minutes with water.

EFFECTS OF OVEREXPOSURE: May cause minor skin irritation and is an eye irritant. Ingestion may cause vomiting and diarrhea. No known chronic effects. Pre-existing medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of milk or water. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes a minimum of 30 minutes with water. If inhaled, remove victim to fresh air and administer CPR if necessary.

SECTION 9: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Recommend use of NIOSH/MSHA – approved respirator for nuisance particulates for the exposure encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT: Neoprene or nitrile gloves, long-sleeved coveralls and chemical goggles.

VENTILATION: General sufficient to control nuisance dust.

SECTION 10: SPECIAL PRECAUTIONS

Keep out of reach of children. Read and follow all label instructions

SECTION 11: REGULATORY DATA

SARA HAZARD:	<input type="checkbox"/> Acute	<input type="checkbox"/> Chronic	<input type="checkbox"/> Flammable
CLASS:	<input type="checkbox"/> Pressure	<input type="checkbox"/> Reacitve	<input checked="" type="checkbox"/> None
SARA 313:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Chemical:
SARA 302:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Chemical!:
	TPQ		
CERCLA:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Chemical
	RQ		
RCRA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
NFPA Hazard Rating:		NFPA Hazard Rating Scale:	
Health:	[1]	0= Minimal	3= Serious
Fire:	[1]	1= Slight	4= Severe
Reactivity:	[0]	2= Moderate	
Special:	[]		
HMIS Codes:		NFPA Hazard Rating Scale	
Health:	[1]	0= Minimal	3= Serious
Fire:	[1]	1= Slight	4= Severe
Reactivity:	[0]	2= Moderate	

DATE PREPARED: July 30, 1993
 REVISED DATE: August 14, 2009

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* Technical Material NE- Not established NA- Not Applicable
