

Material Safety Data Sheet

SECTION 1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY: organic carbon liquid
MANUFACTURED BY: SHAC Environmental Products Inc. PO Box 73, Medicine Hat, AB, T1A 7E5

EMERGENCY TELEPHONE NUMBER:
1-888-533-4446

DESCRIPTION: blackish / brown liquid

TRADE NAME: **SHAC PONDER**

PRODUCT USE: 1. reduces odors. 2. promotes biodigestion of organic sludge and reduces suspended solids in water

NOT A CONTROLLED PRODUCT UNDER WHMIS

SECTION 2. HAZARDOUS INGREDIENTS

INGREDIENTS: Liquefied lignite coal (water, oxidized lignite coal)

Lignite Coal CAS # 129521-66-0

LC₅₀ (Species & route): not applicable

TVL (AGGIH): None currently established - used mainly outdoors

SECTION 3. PHYSICAL DATA

PHYSICAL STATE: liquid

BOILING POINT: not available

APPEARANCE: blackish/brown

ODOR: clean coal

SPECIFIC GRAVITY: not applicable

VAPOR DENSITY: (air = 1) not available

DENSITY: 1.1 g/ml

COEFFICIENT OF WATER/OIL DISTRIBUTION:
n/a

pH: 2.5-3.4

ODOR THRESHOLD: not applicable

VAPOR PRESSURE: not applicable

EVAPORATION RATE: not applicable

SECTION 4. FIRE AND EXPLOSION HAZARD

FLAMMABLE: No

FLASH POINT: (Test method); not applicable

AUTOIGNITION TEMPERATURE: not applicable

FLAMMABLE LIMITS IN AIR, % BY VOLUME: n/a

EXTINGUISHING MEDIA: not applicable

HAZARDOUS COMBUSTION PRODUCTS: not known

LEL: not applicable

UEL: not applicable

SECTION 5. REACTIVITY DATA

STABILITY: stable

INCOMPATIBLE PRODUCTS: none known

HAZARDOUS POLYMERIZATION: will not occur

CONDITIONS OF CHEMICAL UNSTABILITY: not applicable.

CONDITIONS OF REACTIVITY: none

SECTION 6. HEALTH HAZARDS

LD₅₀ (Mixture): not applicable

LC₅₀ (Mixture): not applicable

EFFECTS OF SINGLE (ACUTE)

OVEREXPOSURE:

SWALLOWING: No evidence of adverse effects from available information.

SKIN ABSORPTION: No evidence of adverse effects from available information.

INHALATION: No evidence if adverse effects from available information.

SKIN CONTACT: Staining may occur - wash with soap and water. No harmful effects expected.

EYE CONTACT: No harmful effects expected from vapour. If splashed in eyes, rinse with water to remove particles.

EFFECTS OF REPEATED (CHRONIC)

OVEREXPOSURE: No evidence of adverse effects from available information.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH
HAZARD EVALUATION: None currently known.

SECTION 7. PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required

PROTECTIVE GLOVES: Wear loose-fitting gloves.

EYE PROTECTION: It is recommended that goggles be worn when spraying.

SECTION 8. FIRST AID

INHALATION: Not applicable..

INGESTION: Dilute the stomach contents by giving water or milk.

EYES: Flush with water to remove particles, which may cause irritation.

SKIN: Remove clothing and wash with soap and water.

SECTION 9. PREPARATION DATA

PREPARED BY: SHAC Environmental Products Inc. January 4, 2014

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