

MATERIAL SAFETY DATA SHEET

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SECTION 1: PRODUCT IDENTIFICATION.

PRODUCT NAME: PAVECLEAN. PRODUCT NUMBER: 2117

WHMIS CLASSIFICATION: D2b, E.

HMIS. RATING: HEALTH: 2 FLAMMABILITY: 0

REACTIVITY: 1 PERSONAL PROTECTION: C

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SECTION 2: HAZARDOUS INGREDIENTS.

Ingredient:	CAS. Number	% w/w	TLV.
SODIUM SILICATE.	6834-92-0	2-5	None.

LD 50:

1280.0 mg/Kg, Oral, Rat.

LC 50:

No data available.

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SECTION 3: PHYSICAL DATA.

PHYSICAL STATE AND APPEARANCE: Blue-red liquid.

ODOUR: Odourless.

VAPOUR PRESSURE: No data available.

VAPOUR DENSITY: No data available.

EVAPORATION RATE: No data available.

BOILING POINT: 100° C

FREEZING POINT: 0° C

SOLUBILITY IN WATER: Complete.

SPECIFIC GRAVITY: 1.02

pH: Approx. 11-12.

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SECTION 4: FIRE AND EXPLOSION DATA.

FLAMMABILITY CLASSIFICATION: Not flammable.

MEANS OF EXTINCTION: Not applicable.

FLAMMABLE LIMITS: Not applicable.

FLASH POINT & METHOD: Not Applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS:

Over heated containers may explode from steam pressure.

Cool fire heated containers with water fog or spray.

SENSITIVITY TO IMPACT: None.

SENSITIVITY TO STATIC DISCHARGE: None.

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SECTION 5: REACTIVITY DATA.

CHEMICAL STABILITY: Stable

INCOMPATIBILITY WITH OTHER SUBSTANCES ?
WHICH ONES ? Strong acids. Prolonged contact with aluminum, tin,
or zinc may liberate flammable hydrogen gas.

REACTIVITY, AND UNDER WHAT CONDITIONS ? Not reactive.
HAZARDOUS DECOMPOSITION PRODUCTS: None.

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SECTION 6: TOXICOLOGICAL PROPERTIES.

SKIN CONTACT: Prolonged or repeated contact with the liquid
may cause severe skin irritation & skin damage.

SKIN ABSORPTION: None known.

EYE CONTACT: Liquid is corrosive to the eyes.
Brief contact causes severe eye irritation.
Prolonged contact may cause permanent eye
injury.

INHALATION: Mists and liquids are corrosive to the mouth and
throat.

INGESTION: May cause burns to the mouth, throat and
digestive tract.

EFFECTS OF ACUTE EXPOSURE: Prolonged contact may result in
destruction of skin tissue or primary irritant dermatitis.
Inhalation of mists may cause varying degrees of damage to the
affected tissues and increasing susceptibility to respiratory
illness.
Prolonged or repeated overexposure may result in kidney damage.

EFFECTS OF CHRONIC EXPOSURE: See above.
EXPOSURE LIMITS: No data available.

IRRITANCY OF PRODUCT: Irritant to all parts of the body.
SENSITIZATION OF PRODUCT: No data available.

CARCINOGENICITY: This material is not considered to be a
carcinogen by the national toxicology program, the international
agency for research on cancer, or the occupational safety and
health administration.

TERATOGENICITY, REPRODUCTIVE TOXICITY, MUTAGENICITY AND
SYNERGISTIC PRODUCTS: No data available.

SECTION 7: PREVENTIVE MEASURES.

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Wear chemical resistant gloves.
RESPIRATION: As required (if mists are produced).
EYE: Wear chemical goggles.
FOOTWEAR: Waterproof, chemical resistant boots are recommended.
CLOTHING: As required. OTHER: As required.

ENGINEERING CONTROLS: As required.

LEAK AND SPILL PROCEDURES:

Small spills may be washed away with plenty of water or carefully neutralized with dilute (5%) hydrochloric acid.

WASTE DISPOSAL: Comply with all applicable governmental regulations on spill reporting and handling and disposal of waste.

HANDLING PROCEDURES AND EQUIPMENT: With care.

STORAGE REQUIREMENTS:

Store in a cool, well ventilated area. Protect from freezing.

DOT SHIPPING DATA: Not regulated.

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SECTION 8: FIRST AID.

EYE CONTACT: Flush eyes with plenty of running water for 15 minutes, lifting the upper and lower eyelids occasionally.
Contact a physician at once.
SKIN CONTACT: Wash well with plenty of soap & water.
If irritation persists contact a physician.
Remove contaminated clothing and shoes wash before re-use.
IF SWALLOWED: Do not induce vomiting.
If awake give plenty of water or milk to drink.
Get immediate medical attention.
Do not give anything by mouth to an unconscious or convulsing person.

NOTE: It is generally recognized that contact lenses should not be worn when working with chemicals as these may contribute to the severity of an eye injury.

SECTION 9: PREPARATION DATA.

PREPARED BY: INNOVATIVE MANUFACTURING INC.
DATE: 8 January 2014

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