

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: CoilDscale - Caustic EFFECTIVE DATE: January 1st, 2009WHMIS CLASS: Cleaner Brightner CODE: 7277
Class E - Corrosive Material
Class D - Division 2BT.D.G. CLASSIFICATION: Corrosive liquids n.o.s. (potassium hydroxide solution)
Class 8 UN 1760 PG IIMANUFACTURER NAME AND ADDRESS: BRODI SPECIALTY PRODUCTS LTD.
250 COCHRANE DRIVE, UNIT 9
MARKHAM, ONTARIO L3R 8E5
(905) 475-6084

MSDS PREPARED BY: MSDS CO-ORDINATOR, (877) 744-0751 EXT 205, BRODI SPECIALTY PRODUCTS LTD

EMERGENCY PHONE: CANUTEC (613) 996 6666

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS#	WT%	ACGIH-TLV	LC50	LD50
Sodium metasilicate	6834-92-0	1-5	Not available	Not available	1280 mg/kg (Oral Rat)
Potassium hydroxide Ethoxylated	1310-58-3	3-7	2 mg/m ³ Ceiling	Not available	365 mg/kg (Oral Rat)
Alcohol	68131-39-5	1-5	Not available	Not available	>3200mg/kg(Oral Rat)

SECTION III- PHYSICAL DATA

BOILING POINT (Deg C):	101	SPECIFIC GRAVITY (H2O=1):	1.132
VAPOUR PRESSURE (mm Hg):	Not available	PERCENT VOLATILE (WT%):	81
VAPOUR DENSITY(Air=1):	Similar	EVAPORATION RATE (Water=1):	Similar
SOLUBILITY IN WATER:	Soluble	PH (AS SUPPLIED):	>13
PHYSICAL STATE:	Liquid	VISCOSITY:	Not available
APPEARANCE AND ODOUR:	Clear light straw and odorless		

SECTION IV- FIRE AND EXPLOSION DATA

FLAMMABILITY:	Not flammable
FLASH POINT (Deg C, method):	Not applicable
LEL:	Not available
UEL:	Not available
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon
MEANS OF EXTINCTION:	Use extinguishing media appropriate for surrounding fire
SPECIAL FIRE HAZARDS:	None known at this time

SECTION V- REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY:	Stable
INCOMPATIBILITY:	Strong acids, ammonia, Aluminum and magnesium metals.
HAZARDOUS DECOMPOSITION:	None known at this time.

SECTION VI- TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eye, Skin Contact, Inhalation and Ingestion

EFFECTS OF ACUTE EXPOSURE:

EYE: Contact can cause burns, corneal damage and loss of vision.

SKIN: Contact can cause redness, burns, pain and blistering.

INHALATION: Can cause vomiting, headache and medical problems. Can cause nose, throat and respiratory tract irritation, coughing and headache.

INGESTION: Can cause burns to mouth, throat and stomach.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: Prolonged exposure can cause skin burns.

INHALATION: Not available

IRRITANCY: Hazardous by WHMIS Criteria.

RESPIRATORY TRACT SENSITIZATION: No data available

CARCINOGENICITY: Non-Hazardous by WHMIS Criteria

TERATOGENICITY: Insufficient data available

MUTAGENICITY: Insufficient data available

SYNERGISTIC MATERIALS: Not available

SECTION VII-PREVENTATIVE MEASURES

GLOVES: Neoprene, Natural rubber, Polyethylene

EYE PROTECTION: Chemical splash goggles

RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. If inhalation of high concentrations of mist is likely, use high efficiency air respirator.

OTHER PROTECTIVE EQUIPMENT: As required by employer codes.

ENGINEERING CONTROLS: General ventilation normally adequate. Local exhaust for dusts, mists or fumes.

LEAK AND SPILL PROCEDURE: Before attempting cleanup, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal.

STORAGE REQUIREMENTS: Store in closed container. Store away from incompatible materials. Use corrosion resistant structural materials for containment.

SECTION VIII- FIRST AID

EYE: Immediately flush with water for 15 minutes. Call a doctor immediately.

SKIN: Rinse with water for 15 minutes. Call a doctor if irritation develops and persists. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

INHALATION: Remove to fresh air. If symptoms persist, call a doctor.

INGESTION: Do not induce vomiting. Rinse mouth with water; drink two or more glasses of water. Contact a doctor immediately. never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

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