
SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: Bram EFFECTIVE DATE: January 1st, 2009

WHMIS CLASS: Cleaner Degreaser CODE NO. 6454
 Class E - Corrosive
 Class D - Division 2B

T.D.G. CLASSIFICATION: Not regulated under TDG.

MANUFACTURER 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	15-40	Not available	Not available	770/mg/kg (Oral Mouse)
Sodium Carbonate	497-19-3	40-80	Not available	800mg/m ³ (Guinea Pig)	Not available
Ethoxylated Alcohol	68439-45-2	3-7	Not available	Not available	5.1g/kg(Oral Rat)

SECTION III- PHYSICAL DATA

BOILING POINT (DEG C):	Not available	SPECIFIC GRAVITY (H2O=1):	Not available
VAPOUR PRESSURE (mm Hg):	Not available	PERCENT VOLATILE (WT%):	Not available
VAPOUR DENSITY (AIR=1):	Not available	EVAPORATION RATE (Water=1):	Not available
SOLUBILITY IN WATER:	Soluble	PH (AS SUPPLIED): 1% solution	>12.0
PHYSICAL STATE:	Solid	VISCOSITY:	Not applicable
APPEARANCE AND ODOUR:	Granular yellow color, pine odour.		

SECTION IV- FIRE AND EXPLOSION DATA

FLAMMABILITY:	Not flammable
FLASH POINT:	Not applicable
LEL:	Not applicable
UEL:	Not applicable
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.
MEANS OF EXTINCTION:	Treat for surrounding material.
SPECIAL FIRE HAZARDS:	None known at this time.

SECTION V- REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable
INCOMPATIBILITY: Strong oxidizing agents
HAZARDOUS DECOMPOSITION: Not applicable

SECTION VI- TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eye, skin contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE:

EYE: Contact can cause severe irritation, reddening and swelling of tissues around the eye.
SKIN: Contact can cause moderate to high irritation.
INHALATION: Due to dust, can cause nose, throat and respiratory tract irritation, coughing and headache.
INGESTION: May cause vomiting, headache and medical problems.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
IRRITANCY: Hazardous by WHMIS criteria.
RESPIRATORY TRACT SENSITIZATION: Not available
CARCINOGENIC EFFECTS: Insufficient data available
TERATOGENIC EFFECTS: Insufficient data available
MUTAGENIC EFFECTS: Insufficient data available
SYNERGISTIC MATERIALS: Not available.

SECTION VII-PREVENTATIVE MEASURES

GLOVES: Latex rubber, butyl rubber or natural rubber.
EYE PROTECTION: Chemical goggles.
RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained.
OTHER PROTECTIVE EQUIPMENT: As required by employer codes.
ENGINEERING CONTROLS: General ventilation is normally adequate.
LEAK AND SPILL PROCEDURE: Before attempting clean up, 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 containers. Store away from incompatible materials. Store in a cool, dry well-ventilated area.

SECTION VIII- FIRST AID

EYE: Flush with water for 15 minutes. Call a doctor.
SKIN: Rinse with soap and water. Call a doctor if irritation develops and persists.
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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