

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: BroSolvX Natural EFFECTIVE DATE: January 1st, 2009

WHMIS CLASS: Solvent Degreaser CODE NO.: 7284
Class B: Division 3: Combustible Liquids
Class D: Poisonous and Infectious Division 2B

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

NOTE: Regulated Limit: Above 454 Litres

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
D'Limonene	5989-27-5	10-30	Not available	Not available	4400 mg/kg (Oral Rat)
Petroleum Distillates	64742-88-7	50-80	Not available	Not available	>5000 mg/kg (Oral Rat)

SECTION III- PHYSICAL DATA

BOILING POINT (DEG C):	150 initial	SPECIFIC GRAVITY (H2O=1):	0.83
VAPOUR PRESSURE(mm Hg):	Not available	PERCENT VOLATILE (WT%):	99% approx.
VAPOUR DENSITY(AIR=1):	Similar	EVAPORATION RATE(BuAc=1):	<1.0
SOLUBILITY IN WATER:	Very slightly soluble	PH(AS SUPPLIED):	Not applicable
PHYSICAL STATE:	Liquid	VISCOSITY:	Not available
APPEARANCE AND ODOUR:	Clear orange, citrus odour		

SECTION IV- FIRE AND EXPLOSION DATA

FLAMMABILITY: Combustible liquid

FLASH POINT (Deg C, TCC method): 46 °C / 114.6° F

LEL: Not available

UEL: Not available

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

MEANS OF EXTINCTION: Dry chemical, carbon dioxide and alcohol foam

SPECIAL FIRE HAZARDS: Use self-contained breathing apparatus and protective clothing for all indoor fires, and any significant outdoor fires. Keep away from sources of ignition.

SECTION V- REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable
INCOMPATIBILITY: Strong oxidizing agents
HAZARDOUS DECOMPOSITION: None known at this time

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 eyes.
SKIN: Contact can cause moderate to high irritation.
INHALATION: Vapors are irritating to the eyes, nose, throat and respiratory tract.
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: No data 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: PVC, butyl rubber and natural rubber.
EYE PROTECTION: Chemical splash goggles.
RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Engineering or administrative controls should be implemented to reduce exposure.
OTHER PROTECTIVE EQUIPMENT: As required by employer code.
ENGINEERING CONTROLS: General ventilation 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.

SECTION VIII- FIRST AID

EYE: Immediately flush with water for 15 minutes. Seek medical attention.
SKIN: Rinse with water. If irritation persists, seek medical attention.
INHALATION: Remove to fresh air. If symptoms persist, seek medical attention.
INGESTION: Do not induce vomiting. Rinse mouth with water; then drink one glass 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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