

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: Marzo EFFECTIVE DATE: December 1, 2011

WHMIS CLASS: Degreaser CODE NO. 7283
Class: D-1B, D2B, B3

T.D.G. CLASSIFICATION: o-Dichlorobenzene
Class 6.1 UN 1593 PG.III

MANUFACTURER NAME AND ADDRESS: BRODI SPECIALTY PRODUCTS LTD.
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(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
1,2-Dichlorobenzene	95-50-1	7-13	Not available	Not available	Acute: 500 mg/kg [Rat]. 500 mg/kg [Rabbit]. 3375 mg/kg [Guinea pig].
Aliphatic Petroleum Solvent	64742-47-8	40-70	Not available	Not available	>8 g/kg (Oral Rat)
Ethylene glycol mono-butyl ether	111-76-2	5-10	20 ppm TWA	500 ppm 4hr (Rat)	200 mg/kg (Dermal Rabbit)

SECTION III- PHYSICAL DATA

BOILING POINT (DEG °C):	Initial 121°C @ 760 mmHg	SPECIFIC GRAVITY (H2O=1):	0.89 @ 20°C
VAPOUR PRESSURE (mm Hg):	Not available	PERCENT VOLATILE (WT%):	>85
VAPOUR DENSITY (AIR=1):	Not available	EVAPORATION RATE (BUAC):	Not available
SOLUBILITY IN WATER:	Rinseable	PH(AS SUPPLIED):	Not applicable
PHYSICAL STATE:	Liquid	VISCOSITY:	Not available
APPEARANCE AND ODOR:	Clear amber, aromatic odour.		

SECTION IV- FIRE AND EXPLOSION DATA

FLAMMABILITY:	Combustible liquid. May form combustible mixture at or above flash point.
FLASH POINT (Deg C, TCC method):	51
LEL:	Not available
UEL:	Not available
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon
MEANS OF EXTINCTION:	Dry chemical, and 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.

Remarks: Not regulated under the Transportation of Dangerous Goods Act when transported by road, rail or a ship on a domestic voyage, in packaging's or containers of 450 L or less (waste excluded).

SECTION V- REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Conditions to avoid- open flames. Welding arcs or other high temperature sources which induce thermal decomposition.

INCOMPATIBILITY: Avoid contact with strong oxidants.

HAZARDOUS DECOMPOSITION: Thermal decomposition products are toxic and may include Hydrogen Chloride or traces of phosgene.

SECTION VI- TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE:

EYE: Contact with Vapors can cause irritation, redness, and pain. Contact with liquid may cause burning of the eyes and tissue damage..

SKIN: Contact can cause moderate to high irritation.

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

INGESTION: May cause vomiting, headache and medical problems.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: Prolonged or repeated exposure can cause drying, defatting and dermatitis. Can be absorbed through the skin in toxic amounts, if contact is repeated and prolonged.

IRRITANCY: Hazardous by WHMIS criteria.

RESPIRATORY TRACT SENSITIZATION: Not data available.

CARCINOGENICITY EFFECTS: Insufficient data available

TERATOGENIC EFFECTS: Insufficient data available

MUTAGENIC EFFECTS: Insufficient data available

SYNERGISTIC MATERIALS: Not available

SECTION VII-PREVENTATIVE MEASURES

GLOVES: Use rubber / PVA gloves if contact with product is expected.

EYE PROTECTION: Safety goggles.

RESPIRATORY PROTECTION: Use a NIOSH/MSHA approved self-contained breathing apparatus if vapor concentration is high or is unknown.

OTHER PROTECTIVE EQUIPMENT: As required by employer code.

ENGINEERING CONTROLS: Provide mechanical ventilation of confined spaces.

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 prior to disposal.

STORAGE REQUIREMENTS: Store in closed container. Store away from incompatible materials. Keep away from sources of ignition.

SECTION VIII- FIRST AID

EYE: Flush with water for 15 minutes. Contact a doctor immediately.

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

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 the victim is unconscious or is rapidly losing consciousness or is convulsing.

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