



MATERIAL SAFETY DATA SHEET

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SECTION 1 - COMPANY INFORMATION

Coffee Stain Remover

Product usage: Carpet Cleaner
WHMIS Class: B3, D2B
TDG Class: Not Regulated.
Poison Control: In Ontario 1-800 268-9017 In Toronto: 416 813-5900

Supplier name and address:
Corporate Chemicals & Equipment
7 Neilson Street
St. Catharines, ON L2M 5V9
(905) 682-8888

Manufacturer's name and address
Refer to Supplier



Emergency Telephone# CANUTEC (613) 996-6666

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	%	ACGIH-TLV	LD50	LC50
2-Butoxyethanol	111-76-2	1-10	25 ppm skin	470 mg/kg oral, rat	450 ppm/4hr rat
Ethylene Glycol Monobutyl Ether 2				20 mg/kg dermal, rbt	
Isopropanol	67-63-0	1-10	400 ppm skin	4.7 g/kg oral, rat	12000 ppm/8hr inhalation rat
Sodium Bisulfite	7631-90-5	< 5	5 mg/kg	12.9 g/kg dermal, rbt	
				2000 mg/kg oral, rat	

SECTION 3 - HAZARDS IDENTIFICATION

Effects of Acute Exposure to:

Skin: May cause skin irritation, defatting, chapping, dermatitis.

Eyes: Irritating and may cause corneal injury.

Ingestion: Accidental ingestion may cause burning pain in mouth, esophagus and stomach.

Inhalation: If misted, causes irritation of mucous membranes, coughing. **Other:** On chronic skin exposure, 2-butoxyethanol may be absorbed causing blood changes as listed for pure chemical. Effect is expected to be reduced due concentration in product and limited exposure.

SECTION 4 - FIRST AID MEASURES

Skin: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention immediately.

Eyes: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention immediately.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

Inhalation: Move victim to fresh air. Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Conditions of Flammability: Heat and flame
Flash point: 50 - 60 Deg C
Means of Extinction: Water
Auto-ignition temperature: Not available
Upper flammable limit: Not available
Lower flammable limit: Not available
Hazardous combustion products: Oxides of carbon, sulphur, and nitrogen after drying
Explosion Data - sensitivity to mechanical impact and static discharge: None



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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.

For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dyke spilt material or otherwise contain it to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 7 - HANDLING AND STORAGE

Breathing Protection: Suitable breathing mask or respirator if mists or vapours are present.

Skin Protection: Rubber gloves, rubber boots, or barrier cream if contact is expected.

Eye Protection: Safety glasses with side shields when there is potential for eye contact

Engineering Controls: Normal building ventilation is adequate is small quantities (less than 1 litre) are used.

Leak and Spill Procedure: Refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled 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: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials.

Shipping Information: Do not freeze.

SECTION 8 - EXPOSURE CONTROLS & PROTECTIVE EQUIPMENT

Ventilation: Normal building ventilation is adequate.

Breathing Protection: Suitable breathing mask or respirator if mists or vapours are present.

Skin Protection: Rubber gloves, rubber boots, or barrier cream if contact is expected.

Eye Protection: Safety glasses with side shields when there is potential for eye contact

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Evaporation Rate: Same as water.

Odour and Appearance: Pungent sulfur odour, clear colourless liquid Boiling Point: Not available

Odour Threshold: Not available Freezing point: Not available

Specific Gravity: 0.95 (Water=1) pH as supplied: 3 - 5

Vapour Pressure: Not available pH use dilution: 3 - 5

Vapour Density: Not available Water/Oil Dist. Coeff.: Not available

SECTION 10 - REACTIVITY & STABILITY DATA

Chemical Unstability: Product is stable. **Conditions of Reactivity:** None

Incompatibility: Strong concentrated acids, oxidizing and reducing agents. Do not mix with chlorine bleach.

Hazardous Decomposition Products: May produce oxides of carbon and nitrogen when burned

SECTION 11 - TOXICOLOGICAL INFORMATION

Route of Entry: Skin contact, eye contact, inhalation, and ingestion.

Effects of Acute Exposure

Skin: May cause skin irritation, defatting, chapping, dermatitis.

Eyes: Irritation

Ingestion: May cause nausea or vomiting.

Inhalation: Sulphur dioxide gases causes irritation of mucous membranes, coughing. May cause extreme adverse allergic type reaction in some individuals. Do not use this product if asthmatic or having other respiratory problems, or if in the vicinity of others so affected.

Effects of Chronic Exposure

Skin: Prolonged or repeated exposure can cause skin irritation, defatting, chapping, dermatitis. On chronic skin exposure, 2-butoxyethanol may be absorbed causing blood



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Exposure Limits: changes as listed for pure chemical. Dilution of product minimizes hazard.
Sensitization: Not available Irritancy of Product: Not available
Carcinogenicity: Not available Teratogenicity: Not available
Reproductive Toxicity: None Mutagenicity: Not available
 Not available Toxicologically Synergistic Products: Not available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity Not Available
 BOD5 and COD Not Available
 Products of Biodegradation Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Ecotoxicity Ingredient name	Species	Period	Result
2-butoxyethanol acetic acid, (ethylenedinitrilo)tetra-,tetrasodium salt	Fish	96 hours	Acute LC50 1490 mg/L
	Fish - Bluegill	96 hours	Acute LC50 3092000 to 3540000 ug/L Fresh water
	Fish - Bluegill	96 hours	Acute LC50 2070000 to 2180000 ug/L Fresh water
	Fish - Bluegill	96 hours	Acute LC50 1030000 to 1080000 ug/L Fresh water
	Fish - Bluegill	96 hours	Acute LC50 486000 to 500000 ug/L Fresh water
	Fish - Bluegill	96 hours	Chronic NOEC 1800000 ug/L Fresh water
	Fish - Bluegill	96 hours	Chronic NOEC 870000 ug/L Fresh water
	Fish - Bluegill	96 hours	Chronic NOEC 456000 ug/L Fresh water
	Fish - Bluegill	96 hours	Chronic NOEC 157000 to 169000 ug/L Fresh water
Fish - Bluegill	96 hours	Chronic NOEC 11	

SECTION 13 - WASTE DISPOSAL

Disposal method: Flush contaminated area with plenty of water. Contaminated material should not be placed in original container. For large spills, check with local environmental department, and government authorities.

SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

- UN Classification
- UN number
- Proper shipping name
- Class
- Packing group
- Additional information

See shipping documents for specific transportation information



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SECTION 15 - REGULATORY INFORMATION

Prepared by: Technical Dept.

Preparation Date: May 1/2011

SECTION 16 - OTHER INFORMATION

References: Suppliers Material Safety Data Sheets.

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)