

Section I. Product Identification and Uses

		<b>HMIS (HFRP)</b>	
		<b>Health Hazard</b>	2
		<b>Fire Hazard</b>	0
		<b>Reactivity</b>	0
		<b>Personal Protection</b>	b
<b>Common / Trade name</b>	20/20 CONC.CARPET CLNR	<b>TDG</b>	Not a TDG controlled material.
<b>WHMIS</b>	D1A; D2B	<b>PIN</b>	None
<b>Code</b>	2013	<b>PG</b>	None
<b>Material uses</b>	Industrial applications:Carpet cleaner.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
2-Butoxyethanol	111-76-2	3	ACGIH TLV ( TWA: 20 ppm EU OEL Skin VME: 25 ppm	ORAL (LD50): Acute: 1480 mg/kg [Rat.]. 1230 mg/kg [Mouse]. 320 mg/kg [Rabbit]. DERMAL (LD50): Acute: 400 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat]. 927 ppm 4 hour(s) [Mouse].

Section III. First Aid Measures

<b>Eye contact</b>	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
<b>Skin contact</b>	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. Seek medical attention if discomfort persists.
<b>Ingestion</b>	DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention.

Section IV. Physical Data

<b>Physical state and appearance</b>	Liquid. (Clear to slightly hazy liquid.)	<b>Colour</b>	Colorless.
<b>pH (1% soln/water)</b>	Basic.	<b>Odour</b>	Floral.
<b>pH (concentrate)</b>	10.5-11.5	<b>Volatility</b>	Not available
<b>Boiling point</b>	The lowest known value is 100°C (212°F) (Water).	<b>Vapour density</b>	Weighted average: 1.1 (Air = 1)
<b>Specific gravity</b>	1.045 to 1.065 (Water = 1)	<b>Vapour pressure</b>	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water).
<b>Solubility</b>	Miscible in water.		

Section V. Fire and Explosion Data

<b>The product is</b>	Non-flammable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Flash points</b>	Not applicable.
<b>Degradation products</b>	Not applicable.
<b>Extinguishing media</b>	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

<b>Stability</b>	The product is stable.
<b>Decomp. products</b>	Not available.
<b>Reactivity</b>	Reactive with oxidizing agents, acids. Slightly reactive with metals.

Section VII. Toxicological properties

<b>Route of entry</b>	Eye contact. Ingestion. Skin contact.
<b>Toxicity for animals</b>	See section II
<b>Acute effects</b>	Slightly dangerous to dangerous in case of skin contact (irritant, permeator and sensitizer), ingestion. May cause sensitization by skin contact. May be irritating to eyes.
<b>Chronic effects</b>	CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH [2-Butoxyethanol]. MUTAGENIC EFFECTS: Classified None. for human [2-Butoxyethanol]. TERATOGENIC EFFECTS: Classified None. for human [2-Butoxyethanol]. DEVELOPMENTAL TOXICITY: 2-Butoxyethanol : No evidence of risk in human.. 2-Butoxyethanol : In animals, effects have been reported on the following organs : Blood (hemolysis), secondary effect to the kidney and liver. Human

red blood cells have been shown to be significantly less sensitive to hemolysis than those of rodents and rabbits. Repeated skin exposure can produce local skin defatting or dermatitis.

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#### Section VIII. Preventive measure

- Waste disposal** Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
- Storage** Store in a dry, cool and well ventilated area.
- Precautions** Keep out of reach of children. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label.
- Spill and leak** Absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water.
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#### Section IX. Personal protective equipment

- Gloves** Gloves (impervious)
- Respiratory** Wear appropriate respirator when ventilation is inadequate.
- Eyes** Splash goggles.
- Other** Boots, plastic apron, face shield: are recommended under exceptional circumstances such as fire or spill.
- Eng. controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
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#### Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on 19 sep. 2005

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#### EMERGENCY: CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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#### Annex A. Legend

- HMIS** Hazardous Materials Identification System
- WHMIS** WHMIS Workplace Hazardous Materials Information System
- TDG** Transport Dangerous Goods
- PIN** Product Identification Number
- PG** Packaging Group
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