

QUALITY CHEMICAL MFG  
 DIV OF THE CHEMICAL MFG  
 215, DOLOMITE DRIVE  
 DOWNSVIEW ON M3J 2N1

### 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>	QS CONCENTARTED CARPET CLEANER	<b>TDG</b>	Not a TDG controlled material.
<b>WHMIS</b>	D1A,, D2B	<b>PIN</b>	None
<b>Code</b>	1390	<b>PG</b>	None
<b>Material uses</b>	Industrial applications:Carpet cleaner.		

### Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethylene glycol monobutyl ether	111-76-2	1-5	Not available.	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 apperance</b>	Liquid.	<b>Colour</b>	Blue-Green.
<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). Weighted average: 102.41°C (216.3°F)	<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 28.3 kPa (212 mm Hg) (at 20°C) (2-Butoxyethanol). Weighted average: 3.18 kPa (23.85 mm Hg) (at 20°C)
<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</b>	Slightly dangerous to dangerous in case of skin contact (irritant, permeator and sensitizer), eye contact (irritant), ingestion. sensitizer

**effects**

**Chronic effects** CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance (Butoxy-2 ethanol) is toxic to blood, kidneys, liver. Repeated or prolonged exposure to the substance can produce target organs damage.

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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**

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**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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