

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	3
		Fire Hazard	1
		Reactivity	1
		Personal Protection	b
Common / Trade name	Q-9 QUALITY	TDG	Class 8
WHMIS	D1A, D2B, E	PIN	UN 2491 ETHANOLAMINE SOLUTION
Code	1547	PG	III
Material uses	Industrial applications: Wax stripper.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethylene glycol monobutyl ether	111-76-2	10-30	Not available.	ORAL (LD50): Acute: 470 mg/kg [Rat]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Rat].
Amino-2 ethanol	141-43-5	1-5	Not available.	ORAL (LD50): Acute: 1720 mg/kg [Rat]. 620 mg/kg [Guinea pig]. 1000 mg/kg [Rabbit].

Section III. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. DO NOT use an eye ointment. Seek medical attention.
Skin contact	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid.	Colour	Red.
pH (1% soln/water)	Basic.	Odour	Butyl.
pH (concentrate)	11.5-12.5	Volatility	Not available.
Boiling point	100°C (212°F)	Vapour density	Weighted average: 2.01 (Air = 1)
Specific gravity	0.98-0.99 (Water = 1)	Vapour pressure	Weighted average: 10.19 kPa (at 20°C)
Solubility	Easily soluble in cold water, hot water, methanol. Partially soluble in diethyl ether. Very slightly soluble in n-octanol.		

Section V. Fire and Explosion Data

The product is	Non-flammable.
Auto-ignition temperature	Not applicable.
Flash points	Not applicable.
Degradation products	Carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...)
Extinguishing media	Use DRY chemicals, CO ₂ , water spray or foam.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	See fire degradation products.
Reactivity	Reactive with oxidizing agents, acids. Slightly reactive with metals.

Section VII. Toxicological properties

Route of entry	Eye contact. Ingestion. Inhalation. Skin contact.
Toxicity for animals	Acute oral toxicity (LD50): 2515 mg/kg [Rat]. Acute dermal toxicity (LD50): 220 mg/kg [Rabbit]. (2-Butoxyethanol). Acute toxicity of the gas (LC50): 500 ppm 4 hours [Rat].
Acute effects	Dangerous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of skin contact (permeator), of inhalation.
Chronic effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [PROVEN] [Ethanolamine]. The substance is toxic to blood, kidneys, the

reproductive system, liver.

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 Avoid contact with skin and eyes. Do not ingest. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label.

Spill and leak Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water. Dispose of in accordance with federal, provincial and local regulations. Éliminer selon les règlements fédéraux, provinciaux et locaux.

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, spill or for prolonged contact with bulk quantities.

Eng. controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Section X. Preparation and other Information

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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.

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
