

Material Safety Data Sheet

Product Name: Extraction Liquid Code: 6200

WHMIS	Protective Clothing	TDG Road / Rail
		

SECTION I – PRODUCT IDENTIFICATION AND PREPERATION INFORMATION

Product Name: Extraction Liquid **Effective Date:** Sep. 7, 06 **Code:** 6200
Product Use: Consumer products: Cleaning solution for carpets and rugs.
WHMIS: WHMIS Class D-2B: Material causing other toxic effects (TOXIC).
TDG: Not regulated under TDG (Canada).
 Not applicable (PIN and PG).
Supplier: **Formula Canada**
 3069 Dundas Street West
 Toronto, Ontario M6P 1Z5
 (416) 743-6660

EMERGENCY PHONE: CANUTEC (613) 996-6666

SECTION II – HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC ₅₀ /LD ₅₀
Dipropylene glycol monomethyl ether	034590948	5-10	TWA: 100 CEIL: 150 (ppm) TWA: 600 CEIL: 900 (mg/m ³)	ORAL (LD ₅₀): Acute: 5380 mg/kg (rat). DERMAL (LD ₅₀): Acute: 9510 mg/kg (rabbit)
Ethylene glycol monobutyl ether	111-76-2	5-10	TWA: 50 CEIL: 150 (ppm) TWA: 240 CEIL: 720 (mg/m ³)	ORAL (LD ₅₀): Acute: 470 mg/kg (rat). DERMAL (LD ₅₀): Acute: 220 mg/kg (rabbit).

SECTION III – PHYSICAL DATA

Boiling Point:	The lowest know value is 171.2°C (340.2°F) (Ethylene glycol monobutyl ether). Weighted average: 183.83°C (362.9°F).	Specific Gravity:	Weighted average: 0.94 (Water = 1.00)
Vapour Pressure:	The highest known value is 212mm of Hg (20°C) (Ethylene glycol monobutyl ether). Weighted average: 106.15 mm of Hg (20°C).	Vapour Density:	The highest known value is 5.11 (Air = 1.00) (Dipropylene glycol monomethyl ether). Weighted average: 4.61 (Air = 1.00)
Solubility in Water:	Soluble	Percent Volatile:	Not available.
Physical State:	Liquid	Evaporation Rate:	Not available.
Appearance and Odour:	Clear light green / floral.	pH (as supplied):	Alkaline (basic).

SECTION IV – FIRE AND EXPLOSION DATA

Flammability: Non-flammable.
Flash Points: Not applicable.
Flammable Limits: Not applicable.
Hazardous Combustion Products: These products are carbon oxides (CO, CO₂). Some metallic oxides.
Means of Extinction: SMALL FIRE: Use DRY chemicals, CO₂, water spray or foam.
 LARGE FIRE: Use water spray, fog, or foam. DO NOT use water jet.
Special Fire Hazards: Not available.

Continued...

Material Safety Data Sheet

Product Name: Extraction Liquid Code: 6200

SECTION V – REACTIVITY DATA

Stability: The product is stable
Incompatibility: Highly reactive with oxidizing agents, reducing agents.
Hazardous Decomposition Products: Not available.

SECTION VI – TOXICOLOGICAL PROPERTIES

Routes of Entry: Absorbed through skin. Eye contact, Inhalation. Ingestion.
Acute Effects on Humans: Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation. Severe over-exposure can result in death.
Chronic Effects on Humans: Hazardous in case of skin contact (irritant), of eye contact (irritant).
CARCINOGENIC: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: PROVEN (isopropyl alcohol)
Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many organs.
Synergistic Materials: Not available.

SECTION VII – PREVENTATIVE MEASURES

Gloves: Seamless Neoprene.
Eye Protection: Splash goggles.
Respiratory Protection: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Wear appropriate respirator when ventilation is inadequate.
Other Protective Equipment: Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.
Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the workstation location.
Leak and Spill Procedure: Dilute with water and mop up, or absorb with an inert material and put the spilled material in an appropriate waste disposal. Stop leak if without risk. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Waste Disposal: Consult municipal, provincial, and federal laws.
Storage Requirements: Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place.

SECTION VIII – FIRST AID

Eye: Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use any eye ointment. Seek medical attention.
Skin: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Inhalation: Allow the victim to rest in a well-ventilated area. Seek medical attention.
Ingestion: DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt, or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

SECTION IX – PREPERATION / OTHER INFORMATION

References: Not available.
Additional Remarks: No additional remark.

Validated by Formula Canada on September 7, 2006

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. Formula Canada expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.