




# Material Safety Data Sheet

Product Name: Carpet Shampoo Code: 6100

<b>WHMIS</b>	<b>Protective Clothing</b>	<b>TDG Road / Rail</b>
		

## SECTION I – PRODUCT IDENTIFICATION AND PREPERATION INFORMATION

**Product Name:** Carpet Shampoo **Effective Date:** Sep. 7, 06 **Code:** 6100  
**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 <sub>50</sub> /LD <sub>50</sub>
Sodium lauryl sulfate	151-21-3	15-30	Not available	ORAL (LD <sub>50</sub> ): Acute: 1288 mg/kg (rat).
Ethylene glycol monobutyl ether	111-76-2	1-5	TWA: 50 CEIL: 150 (ppm) TWA: 240 CEIL: 720 (mg/m <sup>3</sup> )	ORAL (LD <sub>50</sub> ): Acute: 470 mg/kg (rat). DERMAL (LD <sub>50</sub> ): Acute: 220 mg/kg (rabbit).
Isopropyl alcohol	67-63-0	1-5	TWA: 400 CEIL: 500 ppm TWA: 900 CEIL: 1225 (mg/m <sup>3</sup> )	ORAL (LD <sub>50</sub> ): Acute: 3600 mg/kg (mouse). VAPOR (LC <sub>50</sub> ): Acute: 16970 ppm 4 hours (rat).

## SECTION III – PHYSICAL DATA

<b>Boiling Point:</b>	The lowest know value is 82.22°C (180°F) (Ethylene glycol monobutyl ether). Weighted average: 151.14°C (304.1°F).	<b>Specific Gravity:</b>	Weighted average: 0.94 (Water = 1.00)
<b>Vapour Pressure:</b>	The highest known value is 212mm of Hg (20°C) (Ethylene glycol monobutyl ether). Weighted average: 122.5 mm of Hg (20°C).	<b>Vapour Density:</b>	The highest known value is 4.1 (Air = 1.00) (Ethylene glycol monobutyl ether). Weighted average: 3.09 (Air = 1.00)
<b>Solubility in Water:</b>	Soluble	<b>Percent Volatile:</b>	Not available.
<b>Physical State:</b>	Liquid	<b>Evaporation Rate:</b>	Not available.
<b>Appearance and Odour:</b>	Clear light blue / neutral	<b>pH (as supplied):</b>	Neutral

## SECTION IV – FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Non-flammable.
<b>Flash Points:</b>	Not available.
<b>Flammable Limits:</b>	Not available.
<b>Hazardous Combustion Products:</b>	These products are carbon oxides (CO, CO <sub>2</sub> ).
<b>Means of Extinction:</b>	SMALL FIRE: Use DRY chemicals, CO <sub>2</sub> , foam, or water spray. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
<b>Special Fire Hazards:</b>	Not available.

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## SECTION V – REACTIVITY DATA

<b>Stability:</b>	The product is stable
<b>Incompatibility:</b>	Highly reactive reducing agents. Reactive with oxidizing agents, acids.
<b>Hazardous Decomposition Products:</b>	Not available.

## SECTION VI – TOXICOLOGICAL PROPERTIES

<b>Routes of Entry:</b>	Absorbed through skin. Eye contact. Inhalation. Ingestion.
<b>Acute Effects on Humans:</b>	Very hazardous in case of skin contact (irritant), of ingestion. Hazardous in case of skin contact (sensitizer, permeator), of eye contact (irritant), of inhalation. Sever over-exposure can result in death. Can be fatal if inhaled or ingested.
<b>Chronic Effects on Humans:</b>	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) The substance is toxic to lungs. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
<b>Synergistic Materials:</b>	Not available.

## SECTION VII – PREVENTATIVE MEASURES

<b>Gloves:</b>	Seamless Neoprene.
<b>Eye Protection:</b>	Splash goggles.
<b>Respiratory Protection:</b>	Vapour and dust respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
<b>Other Protective Equipment:</b>	No special protection is required.
<b>Engineering Controls:</b>	General ventilation normally adequate. Ensure that eyewash stations and safety showers are proximal to the workstation location.
<b>Leak and Spill Procedure:</b>	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.
<b>Waste Disposal:</b>	Consult municipal, provincial, and federal laws.
<b>Storage Requirements:</b>	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

<b>Eye:</b>	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.
<b>Skin:</b>	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.
<b>Inhalation:</b>	Allow the victim to rest in a well-ventilated area. Seek medical attention.
<b>Ingestion:</b>	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

<b>References:</b>	Not available.
<b>Additional Remarks:</b>	No additional remark.
Validated by Formula Canada on September 7, 2006	

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