

Material Safety Data Sheet

Product Name: Citrus Solve Cleaner & Degreaser Code: 1000

WHMIS	Protective Clothing	TDG Road / Rail
		

SECTION I – PRODUCT IDENTIFICATION AND PREPERATION INFORMATION

Product Name: Citrus Solve **Effective Date:** Sep. 7, 06 **Code:** 0300
Product Use: Cleaner & Degreaser.
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
D'Limonene	5989-27-5	3-10	Not available.	ORAL (LD ₅₀): Acute: 4400 mg/kg (Rat).
2-Butoxyethanol	111-76-2	3-10	Not available.	5600 mg/kg (Mouse). ORAL (LD ₅₀): Acute: 1746mg/kg (Rat).

SECTION III – PHYSICAL DATA

Boiling Point:	Same as water.	Specific Gravity:	Weighted average: 1.00 (Water = 1.00)
Vapour Pressure:	Not available.	Vapour Density:	Not available.
Solubility in Water:	Dispersible.	Percent Volatile:	Not available.
Physical State:	Liquid.	Evaporation Rate:	Same as water.
Appearance and Odour:	Orange and orange.	pH (as supplied):	11-13

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, CO ₂). Some metallic oxides.
Means of Extinction:	SMALL FIRE: Use DRY chemicals, CO ₂ , water spray or foam. LARGE FIRE: Use water spray, fog, or foam. DO NOT use water jet.
Special Fire Hazards:	Not available.

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SECTION V – REACTIVITY DATA

Stability: The product is stable
Incompatibility: Reactive with acids.
Hazardous Decomposition Products: None known at this time.

SECTION VI – TOXICOLOGICAL PROPERTIES

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.
Acute Effects on Humans: Mildly irritating to the eyes. Skin contact can cause mild irritation. Ingestion may cause abdominal discomfort.
Chronic Effects on Humans: CARCINOGENIC: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Synergistic Materials: None known at this time.

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.
Other Protective Equipment: Other protective equipment as required by employer code.
Engineering Controls: No special ventilation requirements.
Leak and Spill Procedure: Prevent spread of leak or spill. Absorb with an inert material and place in an appropriate waste disposal container. Dilute area with water spray.
Waste Disposal: Consult municipal, provincial, and federal laws.
Storage Requirements: Keep container tightly closed. Keep from freezing. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.

SECTION VIII – FIRST AID

Eye: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for 15 minutes keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. If irritation persists, seek medical attention.
Skin: Flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation: Allow victim to rest in a well-ventilated area. Seek medical attention
Ingestion: DO NOT induce vomiting. Have victim drink large amounts of water to dilute material in stomach. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsion. 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

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