



Material Safety Data Sheet

Flexo Products Limited 4777 Kent Avenue, Niagara Falls, ON L2H 1J5
Phone: (905) 354-2723 Fax: (905) 354-1301 Web Site: www.flexoproducts.com

CSG4000

Use: Degreaser

Code: FHCSG4000D, P, J

Date of MSDS: December 1, 2017

WHMIS: D2B, B3

TDG : Not Regulated <454L

HMIS: Health - 2, Flammability - 2, Reactivity - 0, PPE - B

Emergency Telephone # CANUTEC 613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
d-Limonene	15-40	5989-27-5	4400 oral rat	not available
Dipropylene Glycol Mono-n-Propyl Ether	60-100	29911-28-2	1480 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid Viscosity: water thin Vapour Pressure: not available Oil/Water Factor: not available
Appearance: clear colourless pH: not applicable Vapour Density: heavier Evaporation Rate: similar
Odour: citrus Specific Gravity: 0.900 Boiling Point (°C): 138 Odour Threshold: not available
Freezing Point (°C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: combustible liquid UFL: 0.7 (d-Limonene)
Flash Point and Test Method: 60°C TCC (d-Limonene) LFL: 6.1 (d-Limonene)
Sensitivity to Static Discharge or Mechanical Impact: not available Auto-Ignition Temperature: not available
Hazardous Combustion Products: oxides of carbon
Means of Extinction: Dry chemical, carbon dioxide, and alcohol foam. Firefighters should wear self-contained breathing apparatus. Keep away from sources of ignition.

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable Conditions of Reactivity: not applicable
Incompatible Substances: not available Hazardous Decomposition Products: oxides of carbon when heated
Storage Requirements: store in closed containers away from incompatible materials.

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: none known Route(s) of Entry: skin, eyes, ingestion, inhalation
Irritancy of Product: hazardous Sensitization: not available
Acute Effects Chronic Effects
Eye: moderate to high irritation Carcinogen: none known
Skin: Slight redness. Contains a potential skin sensitizer. Teratogen: none known
Inhalation: nose, throat & respiratory tract irritation, coughing & headache Mutagen: none known
Ingestion: can cause vomiting, headache & medical problems Reproductive Toxin: none known
Prolonged or Repeated Exposure: Skin - can cause drying, defatting or dermatitis

VI - FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
Skin Contact: Immediately flush with water for 15 minutes. Contact a physician if irritation develops.
Inhalation: Remove to fresh air. If symptoms persist, contact a physician.
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

VII - PROTECTIVE EQUIPMENT

Personal Protective Equipment:
Eyes: safety glasses
Skin: impermeable gloves
Respiratory: not normally required if good ventilation is maintained
Ventilation: general ventilation normally adequate.

VIII - SPECIAL MEASURES

For Leaks or Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal: Review all Federal, Provincial and local regulations prior to disposal.

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