



Comet Chemical Company Ltd.
3463 Thomas Street Innisfil ,ON L9S 3W4
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Material Safety Data Sheet

PROPYL CELLOSOLVE

Revision Date: 2008/07/28

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Not available.

Product uses: Solvent in paints.
Solvent for coatings.

Product name: Propyl Cellosolve* (Ethylene Glycol Monopropyl Ether, Glycol Ether EP)

*Cellosolve is a Union Carbide Trademark.

Supplier: Comet Chemical Ltd.
3463 Thomas Street
Innisfil, On.
L9S 3W4.

Supplier 24 hour phone number: (705)436-5580 – weekdays from 8:00-5:00.
(800)567-7455 all other times (Newalta Services).

Section 2 : INGREDIENT INFORMATION

C.A.S.	CONCENTRATION %	Ingrédient	V.L.E.	DL/50	CL/50
2807-30-9	100	ETHYLENE GLYCOL MONOPROPYL ETHER	NOT AVAILABLE	3089 MG/KG RAT ORAL 1774 MG/KG MOUSE ORAL 960 UL/KG RABBIT DERMAL	1530 PPM/7H MOUSE INHALATION

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).
CAS# 2807-30-9: TLV 100 ppm.

Section 3 : HAZARD IDENTIFICATION

Route of entry: Eye contact, skin contact, skin absorption, inhalation and ingestion.

Effects of acute exposure

Eye contact: May cause eye damage.
Irritant.

Skin contact: Mild irritant.
May cause redness.

Skin absorption: May be absorbed in toxic amounts.

Inhalation: May cause vomiting.
May cause headache, dizziness and nausea.
May cause intoxication.
May cause coughing and chest pain.
Irritation.
May cause nasal discharge.

Ingestion: May cause vomiting.
May cause diarrhea.
May cause nausea.
May cause dizziness.
May cause headache and drowsiness.
May cause signs of intoxication.

Effects of chronic exposure: Asthma and other respiratory conditions may be aggravated by exposure.
May aggravate an existing dermatitis.
May cause anemia.
May cause kidney damage.
Prolonged or repeated overexposure may cause drying and cracking of the skin (dermatitis).
May cause blood in urine.
May cause dark brown or black urine.

Sensitization to product: No

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: None anticipated.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 4 : FIRST AID MEASURES

Skin contact: Wash thoroughly with soap and water.
Remove contaminated clothing.
Consult a physician if irritation persists.

Eye contact: Flush eyes with clear, running water for 15 minutes while holding eyelids open. If irritation persists, consult a physician.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

Ingestion: Obtain immediate medical attention.
Guard against aspiration of liquids into lungs.
If vomiting occurs, keep head below hips.
Never give anything by mouth to an unconscious person.
If the amount ingested is in excess of half a wineglass, induce vomiting by giving plenty of water and then introducing the fingers into the throat.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 5 : FIRE FIGHTING MEASURES

- Flammability:** Combustible.
- Conditions of flammability:** Heat, open flame, ignition sources.
- Extinguishing media:** Dry chemical.
Foam
Water fog.
Water spray.
Do not use direct water jet.
- Special procedures:** Firefighters should wear adequate protective gear.
Self-contained breathing apparatus required.
Use water spray to cool fire exposed containers.
- Auto-ignition temperature (°C):** Not available.
Lowest known value.
- Flash point (°C), method:** 47
- Lower flammability limit (% vol):** 1.3
- Upper flammability limit (% vol):** 16
- Explosion Data**
- Sensitivity to static discharge:** Not sensitive.
- Sensitivity to mechanical impact:** Not sensitive.
- Hazardous combustion products:** Carbon monoxide (CO).
Smoke
Nitrogen oxides (NO_x).
- Rate of burning:** Not available.
- Explosive power:** Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

- Leak/Spill:** Eliminate all sources of ignition.
Dike area to prevent spreading.
Ventilate area.
Wear appropriate protective equipment.
Use explosion proof vacuum equipment where appropriate.
Pump to containers or soak up on inert absorbent.
Place in a closed container for disposal.
Do not flush to sewer.
Blanket spill with foam to protect against accidental ignition.

Section 7 : HANDLING AND STORAGE

- Handling procedures and equipment:** Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash thoroughly after handling.
Avoid contact with skin, eyes and clothing.
Do not cut, grind, weld or drill on or near containers.
Launder contaminated clothing prior to reuse.
Do not distill to dryness.

Storage requirements: Store away from all sources of ignition.
Store away from oxidizing materials.
Store in a cool, dry and well ventilated area.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Neoprene or butyl rubber.

Respiratory/Type:



Wear a NIOSH/MSHA approved respirator if ventilation is inadequate.
NIOSH approved respirator with organic vapor cartridge.

Eye/Type:



Safety glasses with side-shields.



Chemical safety goggles.

Footwear/Type:



Impervious boots.

Clothing/Type: Long sleeve shirt, long trousers.



Impervious apron.
When splashing is possible.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Ventilate adequately.

Exposure limit of material: Not available for mixture, see section 2A.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Slight ether odour.
Colourless.
Clear
Pleasant odour.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): @ 20°C (68°F).
1.7

Vapour density (air=1): 3.6

Volatiles (%)

By volume: Not available.

**Evaporation rate
(butyl acetate = 1):** Not available.

Boiling point (°C): 150

Freezing point (°C): -90

pH: Not available.

Specific gravity @ 20 °C: 0.916

Solubility in water (%): 100% soluble.

Coefficient of water\oil dist.: Not available.

VOC: Not available.

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions of instability: Contact with incompatible substances.

Hazardous polymerization: Will not occur.

Incompatible substances: Strong oxidizing agents.

**Hazardous decomposition
products:** See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: 1770 mg/kg mouse oral.
3100 mg/kg rat oral.
900 mg/kg rabbit dermal.

LC50 of product, species & route: 1530 ppm mouse inhalation.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.
May be incinerated.

Section 14 : TRANSPORT INFORMATION

TDG classification: FLAMMABLE LIQUID N.O.S. (ethylene glycol monopropyl ether)
UN 1993
Class 3
PG III.

Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION

WHMIS classification:

B3, D1B, D2B.



DSL status: Appears on DSL.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2008/07/28

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