



Comet Chemical Company Ltd.
3463 Thomas Street Innisfil ,ON L9S 3W4
Tel: (705) 436-5580 Fax: (705) 436-7194

Material Safety Data Sheet

HEXYL CELLOSOLVE

Revision Date: 2008/08/15

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Not available.

Product uses: Solvent.

Product name: Hexyl Cellosolve

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 |
|----------|-----------------|-------------------------------|---------------|---|---------------|
| 112-25-4 | 100 | ETHYLENE GLYCOL N-HEXYL ETHER | NOT AVAILABLE | 830 MG/KG RAT ORAL 720 MG/KG RABBIT DERMAL | NOT AVAILABLE |

Section 3 : HAZARD IDENTIFICATION

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

Effects of acute exposure

Eye contact: May cause tearing.
Causes inflammation.
May cause pain.
Irritant.
May cause swelling.

Skin contact: Irritant.
May cause redness, swelling.

Inhalation: May cause drowsiness.
May cause coughing and chest pain.
May cause irritation to the digestive tract.
May cause throat irritation.
Nausea.
Dizziness.
May cause nasal discharge.
May cause mouth irritation.

Ingestion: May cause drowsiness.
May cause discomfort.
May cause nausea and diarrhea.
May cause dizziness.
May cause thirst.

Effects of chronic exposure: May cause liver and kidney damage.
Prolonged or repeated overexposure may cause drying and cracking of the skin (dermatitis).
May result in weight loss.
May cause blood in urine.

Sensitization to product: No

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: None known.

Teratogenicity: None known.

Mutagenicity: None known.

Synergistic materials: None known.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash thoroughly with soap and water.
Seek medical attention 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.
Do not induce vomiting, keep person warm, quiet.
Guard against aspiration of liquids into lungs.
If vomiting occurs, keep head below hips.
Never give anything by mouth to an unconscious person.
Immediately drink plenty of water.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Combustible.

Conditions of flammability: Heat, sparks and open flames.

Extinguishing media: Dry chemical.
Foam
Water fog.
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.
This material may produce a floating fire hazard.

Auto-ignition temperature (°C): Not available.

Flash point (°C), method: 91°C

**Lower flammability
limit (% vol):** 1.4%

**Upper flammability
limit (% vol):** 9%

Explosion Data

Sensitivity to static discharge: Not sensitive.

Sensitivity to mechanical impact: Not sensitive.

Hazardous combustion products: Carbon monoxide (CO).
Oxides of nitrogen (NO_x).
Partially oxidized hydrocarbons.

Rate of burning: Not available.

Explosive power: Explosive peroxides may form on prolonged storage in contact with air and heat.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of ignition.
Dike area to prevent spreading.
Prevent entry into drains, sewers, and other waterways.
Ventilate area.
Wear appropriate protective equipment.
Recover free liquid.
Pump to containers or soak up on inert absorbent.
Place in a closed container for disposal.
Do not flush to sewer.

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.
Do not allow to evaporate to near dryness.
After opening, purge container with nitrogen before reclosing.
Launder contaminated clothing prior to reuse.

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

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Butyl rubber.

Respiratory/Type: None normally required.
NIOSH approved respirator with organic vapor cartridge is required if ventilation is inadequate or exposure limits are exceeded.

Eye/Type: 

Safety glasses with side-shields.

Footwear/Type: Butyl rubber boots.

Clothing/Type: Long sleeve shirt, long trousers.
Butyl rubber apron.

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

Ventilation requirements: Ventilate adequately.
As needed to stay below TLV.

Exposure limit of material: Not available.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Colourless.
Clear
Mild ether/alcohol odour.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 0.05 @ 20°C

Vapour density (air=1): 5

Volatiles (%)

By volume: Not available.

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

Boiling point (°C): 208°C

Freezing point (°C): -45°C

pH: Not available.

Specific gravity @ 20 °C: 0.889

Solubility in water (%): (highly soluble in alcohols, ethers and ketones).
~1% @ 20°C

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 acids.
Strong alkalis.
Strong oxidizing agents.

Hazardous decomposition products: See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: (estimated).
830 mg/kg rat oral.
810 mg/kg rabbit dermal.

LC50 of product, species & route: 825 ppm mouse.
2000 ppm rat.

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: CORROSIVE LIQUID, TOXIC, N.O.S. (ethylene glycol)
UN 2922
Class 8(6.1)
PG III.



Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION

WHMIS classification:

B3, D1B, E.



DSL status: Appears on DSL.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2008/08/15

This MSDS was generated by *Conform-Plus* Application Service. Visit us at www.netmsds.com.