



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

Material Safety Data Sheet

BUTYL CELLOSOLVE ACETATE

Revision Date: 2008/05/07

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Not available.

Product uses: Paint, coatings and hard surface cleaners.

Product name: Butyl Cellosolve Acetate

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
112-07-2	100	ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	20 PPM	2400 MG/KG RAT ORAL 3200 MG/KG MOUSE ORAL 1500 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: Irritant.

Skin contact: May cause irritation.

Skin absorption: Toxic by skin absorption.

Inhalation: Low hazard.
Other effects may be similar to those described for ingestion.

Ingestion: May cause weakness.
May cause dizziness.
May cause headache and drowsiness.
May cause signs of intoxication.

Effects of chronic exposure: May cause liver and kidney damage.
May aggravate an existing dermatitis.
May cause blood in urine.

Sensitization to product: No
Carcinogenic effects: Not listed as a carcinogen.
Reproductive effects: Not available.
Teratogenicity: Not available.
Mutagenicity: Not available.
Synergistic materials: None known.

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.
Give large quantities of water to drink.
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.

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, sparks and open flames.

Extinguishing media: Dry chemical.
Alcohol foam.
Water fog.

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): 340°C

Flash point (°C), method: Closed Cup.
74°C

Lower flammability limit (% vol): 0.5%

Upper flammability limit (% vol): 8.5%

Explosion Data

Sensitivity to static discharge: Not sensitive.

Sensitivity to mechanical impact: Not sensitive.

Hazardous combustion products: Carbon monoxide (CO).
Nitrogen oxides (NO_x).

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.
Ventilate area.
Wear appropriate protective equipment.
Ground handling equipment.
Use non-sparking tools.
Explosion proof motors are recommended.
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.
Avoid contact with skin, eyes and clothing.
Do not cut, grind, weld or drill on or near containers.
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:



PVC or nitrile recommended.

Respiratory/Type: None required under normal use.
If TLV is exceeded.



NIOSH approved organic vapors.

Eye/Type:



Safety glasses with side-shields.



Splash proof chemical goggles.

Footwear/Type:



Impervious boots.

Clothing/Type: Long sleeve shirt, long trousers.
When splashing is possible.



Apron
Impervious clothing.

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

Ventilation requirements: As needed to stay below TLV.

Exposure limit of material: See hazardous ingredients section.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Mild odour.
Clear
Fruity odor.
Colorless.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 0.3 (20°C)

Vapour density (air=1): 5.5

Volatiles (%)

By volume: Not available.

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

Boiling point (°C): 192°C

Freezing point (°C): -64°C

pH: Not available.

Specific gravity @ 20 °C: 0.942

Solubility in water (%): 15 g/L (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 oxidizing agents.

Hazardous decomposition May form peroxides on prolonged storage in contact with air.

products: Peroxides may form rapidly on heating in air – do not distill to dryness.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: 2400 mg/kg rat oral.
1510 mg/kg – rabbit dermal.
3200 mg/kg mouse oral.

LC50 of product, species & route: Not available.

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: Not regulated.

Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION

WHMIS classification:

B3, D2B.



DSL status: Appears on DSL.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2008/05/07

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