



Comet Chemical Company Ltd.
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Material Safety Data Sheet

PM ACETATE

Revision Date: 2011/07/11

Section 1: PRODUCT INFORMATION

Product name: Glycol Ether PM (Comsol PM Acetate)

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

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

Chemical family: Not available.

TDG classification: FLAMMABLE LIQUID, N.O.S (propylene glycol methyl ether acetate)
UN1993
Class 3
PG III.

WHMIS classification:

B3



DSL status: Appears on DSL.

Supplier MSDS date: 2011/07/11.

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
108-65-6	100	2-METHOXY-1-METHYL ETHYL ACETATE	NOT AVAILABLE	8532 MG/KG RAT ORAL >5000 MG/KG RABBIT DERMAL	NOT AVAILABLE

Section 3: PHYSICAL DATA

Physical state: Liquid.

Appearance & odor: Colourless.
Clear
Hygroscopic.
Mild fruity ether odour.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): @ 20°C (68°F).
4

Vapour density (air=1): 4.6

Volatiles (%)

By volume: Not available.

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

Boiling point (°C): 146

Freezing point (°C): -67°C

pH: Not available.

Specific gravity @ 20 °C: 0.96

Solubility in water (%): 20%

Coefficient of water\oil dist.: Not available.

VOC: Not available.

Section 4: FIRE & EXPLOSION DATA

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): 272°C

Flash point (°C), method: 46

**Lower flammability
limit (% vol):** 1.5

**Upper flammability
limit (% vol):** 7.0

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).

Explosive power: Not available.

Section 5: REACTIVITY DATA

- 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:** May form peroxides on prolonged storage in contact with air.

Section 6: TOXICOLOGICAL PROPERTIES

- 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:** May cause itching.
Prolonged contact may cause redness and irritation.
 - Skin absorption:** No adverse effects are expected with normal use.
 - Inhalation:** May cause coughing.
May cause shortness of breath.
 - Ingestion:** No adverse effects expected.
- Effects of chronic exposure:** See effects of acute exposure.
- LD50 of product, species & route:** 8500 mg/kg rat oral.
5000 mg/kg rabbit dermal.
- LC50 of product, species & route:** 3350 ppm rat inhalation.
- Exposure limit of material:** Not available.
- Sensitization to product:** No
- Carcinogenic effects:** Not listed as a carcinogen.
 - Reproductive effects:** Reproductive effects reported in animals.
 - Teratogenicity:** Not available.
 - Mutagenicity:** Not available.
- Synergistic materials:** None known.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type:



Wear appropriate gloves.

Respiratory/Type: None required under normal use.
If ventilation is inadequate.



Wear a NIOSH approved respirator.

Eye/Type:



Safety glasses with side-shields.

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: As needed to stay below TLV.

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.
Blanket spill with foam to protect against accidental ignition.

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

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.

Storage requirements: Store away from all sources of ignition.
Store away from oxidizing materials.
Store in a cool, dry and well ventilated area.
Explosive peroxides may form on a partially filled container. If prolonged storage of a part drum is anticipated flush the head space with nitrogen before sealing.

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Special shipping information: See transportation information.

Section 8: FIRST AID MEASURES

- Skin contact:** Remove contaminated clothing.
Wash with mild soap and water.
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 9: ADDITIONAL INFORMATION

General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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