



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

## Material Safety Data Sheet

### VM&P NAPHTHA/COMSOL D 115/145

Revision Date: 2008/08/15

#### Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Chemical family:** Not available.

**Product uses:** Solvent, diluent, fuel.

**Supplier:** Same as manufacturer.  
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).

**Manufacturer emergency phone number:** 705-436-5580

#### Section 2 : INGREDIENT INFORMATION

C.A.S.	CONCENTRATION %	Ingrédient	V.L.E.	DL/50	CL/50
64742-49-0	100	ALIPHATIC NAPHTHA	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

#### Section 3 : HAZARD IDENTIFICATION

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

##### Effects of acute exposure

**Eye contact:** Mild irritant.

**Skin contact:** May cause drying and irritation.

**Skin absorption:** Not considered toxic by skin absorption.

**Inhalation:** May cause drowsiness.  
May cause anesthetic effects.  
May cause headache, dizziness and nausea.  
May cause intoxication.  
May cause collapse.

**Ingestion:** No significant effects.

**Effects of chronic exposure:** Prolonged or repeated overexposure may cause drying and cracking of the skin (dermatitis).

**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.

**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:** Flammable.

**Conditions of flammability:** Vapours may travel to a source of ignition and flash back.  
Heat, sparks and open flames.

**Extinguishing media:** Dry chemical.  
Foam  
Water fog.  
Do not use direct water jet.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.  
Cool fire exposed containers with water spray.  
This material may produce a floating fire hazard.

**Auto-ignition temperature (°C):** 250°C

**Flash point (°C), method:** 7°C

**Lower flammability limit (% vol):** 1.3%

**Upper flammability limit (% vol):** 10.2%

### **Explosion Data**

- Sensitivity to static discharge:** Take precautionary measures against static discharge.
- Sensitivity to mechanical impact:** Not sensitive.
- Hazardous combustion products:** Carbon monoxide (CO).  
Oxides of nitrogen (NOx).  
Smoke  
Partially oxidized hydrocarbons.
- Rate of burning:** Not available.
- Explosive power:** Not available.

## **Section 6 : ACCIDENTAL RELEASE MEASURES**


- Leak/Spill:** Absorb with inert material.  
Dike area to prevent spreading.  
Prevent entry into drains, sewers, and other waterways.  
Ventilate area.  
Wear appropriate protective equipment.  
Ground handling equipment.  
Use non-sparking tools.  
Explosion proof motors are recommended.  
Recover free liquid.  
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.  
Do not operate electrical appliances near spill.

## **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.  
Use non-sparking tools.  
Use proper grounding procedures.  
Avoid contact with skin, eyes and clothing.  
Do not cut, grind, weld or drill on or near containers.  
Use with explosion proof equipment.  
Launder contaminated clothing prior to reuse.
- Storage requirements:** Store away from incompatible materials.  
Keep away from ignition sources.  
Store in a cool, dry and well ventilated area.

## **Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Precautionary Measures**


**Gloves/Type:** 

Nitrile rubber gloves.  
Viton gloves.

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

**Eye/Type:** 

Safety goggles.

**Footwear/Type:** 

Impervious boots.

**Clothing/Type:** Long sleeve shirt, long trousers.  
As required to prevent skin contact.



Impervious apron.

**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.  
Adequate ventilation.

**Exposure limit of material:** Not available.

## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Colourless.  
Clear  
Gasoline odor.

**Odor threshold (ppm):** ~250

**Vapour pressure (mmHg):** 17mmHg/2.3kPa @ 20°C.

**Vapour density (air=1):** 3.9

### Volatiles (%)

**By volume:** Not available.

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

**Boiling point (°C):** 116–144°C

**Freezing point (°C):** –62°C

**pH:** Not available.

**Specific gravity @ 20 °C:** 0.745

**Solubility in water (%):** Slight.  
0.01 @ 20°C

**Coefficient of water\oil dist.:** 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:** Not available.

**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:** PETROLEUM DISTILLATES, N.O.S.  
UN1268  
Class 3  
PG II.



**Special shipping information:** See transportation information.

#### Section 15 : REGULATORY INFORMATION

**WHMIS classification:**

B2



**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](http://www.netmsds.com).