



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

Material Safety Data Sheet

COMSOL D 90/120

Revision Date: 2008/06/14

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Not available.

Product uses: Solvent.
Fuel
Diluent.

Product name: Comsol D 90/120

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
64742-47-8	100	PETROLEUM DISTILLATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).
CAS# 64742-47-8: LD50 >3000 mg/kg rabbit dermal.
CAS# 64742-47-8: TLV 1400 ppm.
CAS# 64742-47-8: LD50 > 5000 mg/kg rat oral.

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 drying and irritation.

Skin absorption: No adverse effects are expected with normal use.

Inhalation: Irritant.
May cause drowsiness.
May cause anesthetic effects.
May cause intoxication.
Headaches, dizziness.

Ingestion: Low toxicity.

Effects of chronic exposure: May aggravate an existing dermatitis.
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: 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.
Do not induce vomiting, keep person warm, quiet.
Guard against aspiration of liquids into lungs.
If vomiting occurs, keep head below hips.
If conscious, give several glasses of water.
Never give anything by mouth to an unconscious person.
Keep at rest.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Flammable.

Conditions of flammability: Heat, sparks and open flames.

Extinguishing media: Dry chemical.
Foam
Water fog.
Do not use 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): ~ 250°C

Flash point (°C), method: -4°C

**Lower flammability
limit (% vol):** 1%

**Upper flammability
limit (% vol):** 6%

Explosion Data

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

Section 6 : ACCIDENTAL RELEASE MEASURES

- Leak/Spill:** Dike area to prevent spreading.
Ventilate area.
Wear appropriate protective equipment.
Soak up with 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.
Use proper grounding procedures.
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 ingest.
- Storage requirements:** Store away from incompatible materials.
Keep out of direct sunlight.
Store in a cool, dry and well ventilated area.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

- Gloves/Type:** Nitrile gloves.
Viton gloves.
- Respiratory/Type:** None required under normal use.
If TLV is exceeded.




NIOSH approved organic vapors.

Eye/Type: 

Splash proof chemical goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: 

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.

Exposure limit of material: See section 2A.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Colourless.
Clear
Petroleum odour.
Pleasant odour.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 43 @ 20°C

Vapour density (air=1): 3.6

Volatiles (%)

By volume: Not available.

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

Boiling point (°C): ~ 95–119°C

Freezing point (°C): ~ –50°C

pH: Not available.

Specific gravity @ 20 °C: 0.73

Solubility in water (%): 0.01% (25°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: Halogens.
Strong oxidizing agents.
Molten sulphur.

Hazardous decomposition products: See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: > 5000 mg/kg rat oral.
> 3000 mg/kg rabbit dermal.

LC50 of product, species & route: Not available for mixture, see section 2A.

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. (naphtha)
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: 2008/06/14

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