



Comet Chemical Company Ltd.
3463 Thomas Street Innisfil ,ON L9S 3W4
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Material Safety Data Sheet

MINERAL SPIRITS: COMSOL 3139, COMSOL DX3139, COMSOL 3135, COMSOL D3135

Revision Date: 2008/07/30

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Not available.

Product uses: Solvent.
Fuel
Diluent.

Product name: Mineral Spirits: Comsol DX3139

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	*	PETROLEUM DISTILLATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
8052-41-3	*	STODDARD SOLVENT	100 PPM	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

*: This product contains either CAS# 8052-41-3 (100%) or CAS# 64742-47-8 (100%).

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.
May be absorbed through the skin.

Inhalation: Irritant.
Intoxication.
May cause drowsiness.
Headaches, dizziness.

Ingestion: Aspiration of material into lungs may cause chemical pneumonitis.
Low toxicity.

Effects of chronic exposure: May cause kidney effects.
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: Not available.

Section 4 : 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.
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.
Drink several glasses of water to dilute.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Combustible.

Conditions of flammability: Heat, sparks and open flames.

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

Auto-ignition temperature (°C): 254°C

Flash point (°C), method: 43°C

**Lower flammability
limit (% vol):** 0.9

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

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).
- Rate of burning:** Not available.
- Explosive power:** Not available.

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.
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.
Cloth or paper soaked in these products may undergo spontaneous ignition. Never discard wiping cloths soaked in this product carelessly. Dry carefully before discarding.
- 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:



Nitrile or viton.

- Respiratory/Type:** None required under normal use.
NIOSH approved respirator with organic vapor cartridge.
If material is hot and vapour is emitted.

Eye/Type:



Safety glasses with side-shields.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Normal work clothes.

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

Ventilation requirements: Mechanical ventilation is recommended.
If material is hot and vapour is emitted.

Exposure limit of material: 100 ppm.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

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

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 2.17 @ 20°C

Vapour density (air=1): 4.9

Volatiles (%)

By volume: Not available.

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

Boiling point (°C): 159 – 195°C

Freezing point (°C): –55°C

pH: Not available.

Specific gravity @ 20 °C: 0.777

Solubility in water (%): Nil

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
products:** See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

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

LC50 of product, species & route: 5500 ppm inhalation.

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 III.



Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION

WHMIS classification:

B3, D2B.



DSL status: The substance(s) listed in section 2 appear on the Domestic Substances List.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2008/07/30

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