



Monarch Oil (Kitchener) Limited

P.O. BOX 653 808 VICTORIA ST. NORTH, KITCHENER, ONT. N2G 4B6 PHONE (519) 743-8241 TOLL FREE 1-800-268-OILS
FAX (519) 743-9802 EMAIL: service@monarchoil.com INTERNET www.monarchoil.com

Material Safety Data Sheet

140 SOLVENT

CCH490

Revision Date: 2011/05/10

Section 1: PRODUCT INFORMATION

Product name: 140 Solvent

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: Not regulated.

WHMIS classification:

B3



DSL status: Appears on DSL.

Supplier MSDS date: 2011/05/10

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
64742-47-8	100	PETROLEUM DISTILLATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 3: PHYSICAL DATA

Physical state: Liquid.

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

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 0.17 @ 20°C

Vapour density (air=1): > 5.4

Volatiles (%)

By volume: Not available.

Evaporation rate (butyl acetate = 1): Not available.
Boiling point (°C): 188–208°C
Freezing point (°C): < –54°C
pH: Not available.
Specific gravity @ 20 °C: 0.800
Solubility in water (%): Nil
Coefficient of water\oil dist.: Not available.
VOC: Not available.

Section 4: FIRE & EXPLOSION DATA

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): 227°C
Flash point (°C), method: 64°C
Lower flammability limit (% vol): 1.5%
Upper flammability limit (% vol): 10.5%
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 (NOx).
Partially oxidized hydrocarbons.
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: See hazardous combustion products.

Section 6: TOXICOLOGICAL PROPERTIES

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

Effects of acute exposure

Eye contact: Mild irritation.

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.
May cause anaesthesia effects.
Headaches, dizziness.

Ingestion: Low toxicity.

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

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

LC50 of product, species & route: Not available.

Exposure limit of material: See section 2A.

Sensitization to product: No

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: No effects reported.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type:



Nitrile or viton.

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



NIOSH approved organic vapors.

Eye/Type:



Chemical safety goggles.

Footwear/Type: Safety shoes per local regulations.

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

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.
Soak up with inert absorbent.
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.

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.
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 all sources of ignition.
Store away from incompatible materials.
Store in a cool, dry and well ventilated area.

TDG classification: Not regulated.

Special shipping information: See transportation information.

Section 8: 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.
Never give anything by mouth to an unconscious person.
Drink milk.

Section 9: ADDITIONAL INFORMATION
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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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