





# Material Safety Data Sheet

WHMIS (Pictograms)	WHMIS (Classification)	Personal protective equipment
	Class D-2B: Material causing other toxic effects (Toxic).	

## Section 1. Product and Company Identification

<b>Product name</b> <b>Renew paint thinner</b> <b>/ Trade name</b>		<b>Associated Product's Item Code</b> <b>WIP-13460</b>
<b>Synonym</b> Petroleum Distillate		<b>CAS #</b> Not applicable.
<b>Chemical family</b> Solvent.		<b>Validation date</b> 2013-04-23.
<b>Chemical formula</b> Not applicable.		<b>Print date</b> 2013-04-30.
<b>Manufacturer/Supplier</b> Recochem Inc. 850 Montee de Liesse Montreal, Quebec H4T 1P4 (514) 341-3550 www.recochem.com		<b>In case of emergency</b> Recochem Inc. Communications and Regulatory Affairs Department (905) 878-5544
<b>Material uses</b> Consumer products: Fuel.		

## Section 2. Hazards identification

<b>Emergency Overview</b>	NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.  No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.
<b>Potential Acute Health Effects</b>	<b>See section 11 for more detailed information on health effects and symptoms.</b>  This product may cause mild irritation to eyes and skin upon contact. Prolonged and repeated contact with skin can cause drying of the skin resulting in irritation and dermatitis. Inflammation of the eye is characterized by mild redness, watering, and itching. Skin inflammation is characterized by mild itching, scaling, reddening. Ingestion can cause burning sensation, vomiting, drowsiness and in severe cases pulmonary edema. Inhalation of excessive amounts may result in impairment, such as drowsiness, lack of coordination, headache and nausea.
<b>Note to Physician</b>	Aspiration hazard if swallowed. Can enter lungs and cause damage. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause mild to severe pulmonary injury and possible death.

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**Section 3. Composition, information on ingredients****Canada**

Name	CAS number	Conc. (% w/w)
Light naphtha-hydrotreated	64742-47-8	15 - 40

There are no other ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**Section 4. First aid measures**

<b>Eye contact</b>	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 30 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.
<b>Skin contact</b>	In case of contact, immediately flush skin with plenty of water for at least 30 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.
<b>Inhalation</b>	Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Ingestion</b>	Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Notes to physician</b>	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Section 5. Fire-fighting measures**

<b>Products of combustion</b>	No specific data.
<b>Fire-fighting media and instructions</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Fire Hazards</b>	Not available.
<b>Explosion Hazards</b>	Not available.

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**Section 6. Accidental release measures**

<b>Small spill and leak</b>	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
<b>Large spill and leak</b>	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
<b>Storage</b>	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Section 8. Exposure controls/personal protection**

<b>Engineering controls</b>	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
<b>Personal protection</b>	<p><i>Eyes</i> Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Recommended: splash goggles</p> <p><i>Body</i> Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</p> <p><i>Respiratory</i> Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.</p> <p><i>Hands</i> Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. &gt;8 hours (breakthrough time): nitrile rubber</p>

**United States****Product name**

Light naphtha-hydrotreated

**Exposure limits****OSHA (United States, 2003).**

TWA: 500 ppm 8 hour(s).

TWA: 2900 mg/m<sup>3</sup> 8 hour(s).**Continued on next page**

**Canada****Occupational exposure limits**

No exposure limit value known.

**Section 9. Physical and chemical properties**

<b>Physical State and Appearance</b>	Liquid.	<b>Odour</b>	Petroleum distillates [Slight]
<b>Molecular weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH</b>	Not available.	<b>Colour</b>	White.
<b>Boiling/condensation point</b>	208 to 290°C (406.4 to 554°F)	<b>Volatility</b>	100% (v/v), 100% (w/w)
<b>Melting/freezing point</b>	-45°C (-49°F)	<b>Evaporation rate</b>	0.01 (Butyl acetate. = 1)
<b>Relative density</b>	0.9 to 0.92	<b>Odour Threshold</b>	Not available.
<b>Vapor pressure</b>	0.29 kPa (2.2 mm Hg)	<b>Viscosity</b>	Not available.
<b>Vapour Density</b>	5 [Air = 1]	<b>Solubility</b>	Easily soluble in the following materials: diethyl ether and n-octanol. Very slightly soluble in the following materials: cold water and hot water. Insoluble in the following materials: methanol.
<b>VOC content</b>	36.3 % (w/w) [ISO 11890-1]	<b>Other Properties</b>	Not available.
<b>The product is:</b>	Non-flammable.		
<b>Auto-ignition temperature</b>	>400°C (>752°F)		
<b>Flash point</b>	Not applicable.		
<b>Flammable limits</b>	Not available.		
<b>Fire hazards in the presence of various substances</b>	Non-flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.		

**Section 10. Stability and reactivity**

<b>Stability</b>	The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Conditions of instability</b>	Not available.
<b>Incompatibility with various substances</b>	Reactive with oxidizing agents.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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**Section 11. Toxicological Information****Canada****Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Light naphtha-hydrotreated	LD50 Dermal	Rabbit	>3000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
<b>Conclusion/Summary</b>	Not available.			

**Chronic toxicity**

**Conclusion/Summary** Not available.

**Carcinogenicity**

**Conclusion/Summary** Not available.

**Mutagenicity**

**Conclusion/Summary** : Not available.

**Teratogenicity**

**Conclusion/Summary** : Not available.

**Reproductive Toxicity**

**Conclusion/Summary** : Not available.

**Section 12. Ecological information**

For accidental discharges into the environment, see Section 6: "Accidental Release Measures" for suggested instructions.

**Ecotoxicity** : No known significant effects or critical hazards.

**Canada****Aquatic ecotoxicity**

**Conclusion/Summary** : Not available.

**Biodegradability**

**Conclusion/Summary** : Not available.

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### Section 13. Disposal considerations

**Waste information** The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Disposal should be in accordance with applicable regional, national and local laws and regulations.**

### Section 14. Transport information

#### Canada TDG Classification

**Class** Not a TDG-controlled material.

**Subsidiary class** -

**Proper Shipping Name (Canada) TDG** -

**UN number** Not regulated.

**Packing Group** -

**Special provisions** Not available.

No placard (handling and hazard label) required.

#### IMDG Classification

**Class** Not controlled under IMDG.

**Subsidiary class** -

**Proper Shipping Name IMDG** -

**UN number** Not regulated.

**Packing Group** -

**Marine pollutant** Not a pollutant.

**Special provisions** -

No placard (handling and hazard label) required.

No placard (handling and hazard label) required.

#### United States DOT (Classification)

**Class** Not a DOT regulated material (United States).

**Subsidiary class** -

**Proper Shipping Name (United States) DOT** -

**UN number** Not regulated.

**Packing Group** -

**Special provisions** Not available.

No placard (handling and hazard label) required.

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**International Air  
Transport Association  
(IATA)**

For air shipment classification and associated regulations, please refer to the latest edition of IATA Dangerous Goods Regulations.

**Section 15. Regulatory information**
**WHMIS Classification  
(Canada)**

Class D-2B: Material causing other toxic effects (Toxic).

**Canada Domestic  
Substances List (DSL)  
Status**

This product and/ or all of its components are on the DSL.


**HCS Classification  
(U.S.A.)**

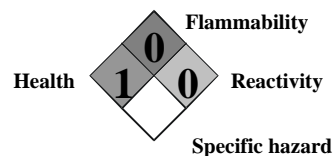
Not regulated.

**U.S.A. Regulatory Lists**

This product and/ or all of its components are on the TSCA inventory list.

**Hazardous Material  
Information System  
(U.S.A.)**

Health	1
Flammability	0
Reactivity	0
Personal protection	G

**National Fire  
Protection  
Association  
(U.S.A.)**

**Section 16. Other information**

Validated and verified by Compliance and Technical Information Manager on 2013-04-23 ph.# 905-878-5544.

Printed 2013-04-30.

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**MSDS are available at [www.recochem.com](http://www.recochem.com)**