



# Material Safety Data Sheet

<b>WHMIS (Pictograms)</b>	<b>WHMIS (Classification)</b>	<b>Protective Clothing</b>
	<b>WHMIS CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).</b>	

## Section 1. Product and Company Identification

<b>Product Name / Trade name</b>	<b>Paint Thinner</b>	<b>Associated Product's Item Code</b>	<b>13-324</b>
<b>Synonym</b>	Petroleum Distillate	<b>CAS #</b>	64742-88-7
<b>Chemical Family</b>	Aliphatic hydrocarbon (Solvent.)	<b>DSL</b>	On the DSL list.
<b>Chemical Formula</b>	Not applicable.	<b>Validation Date</b>	4/30/2001.
<b>Manufacturer</b>	Recochem Inc. 850 Montee de Liesse Montreal, Quebec 514-341-3550	<b>Print Date</b>	5/5/2001.
<b>Material Uses</b>	Consumer products: Solvent.	<b>In Case of Emergency</b>	Recochem Inc. Communications and Regulatory Affairs Department (905) 791-1788

## Section 2. Hazardous Ingredients

Name	CAS #	% by Weight	Exposure Limits	
			Canadian Values (ACGIH)	U.S. Values (OSHA)
1) Petroleum Distillate	64742-88-7	100	TWA: 100 ppm from ACGIH (Canada, 1999). Period: 8 hour(s). TWA: 525 mg/m <sup>3</sup> from ACGIH (Canada, 1999). Period: 8 hour(s).	<sup>1)</sup> Petroleum Distillate TWA: 500 ppm from OSHA (United States, 1999). Period: 8 hour(s). TWA: 2900 mg/m <sup>3</sup> from OSHA (United States, 1999). Period: 8 hour(s).

## Section 3. Emergency Overview

<b>Hazard Overview</b>	DANGER HARMFUL OR FATAL IF SWALLOWED. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Keep out of reach of children.
<b>Potential Acute Health Effects</b>	This product may irritate eyes and skin upon contact. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by 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>	Not available.

## Section 4. First Aid Measures

<b>Eye Contact</b>	Rinse with water for a few minutes. If irritation persists, seek medical attention.
<b>Skin Contact</b>	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. Seek medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Allow the victim to rest in a well-ventilated area. Seek medical attention.

## Section 5. Fire Fighting Measures

<b>Products of Combustion</b>	Carbon oxides (CO, CO <sub>2</sub> ), smoke, fumes.
<b>Fire Fighting Media and Instructions</b>	Combustible liquid, insoluble in water. SMALL FIRE: Use DRY chemicals, CO <sub>2</sub> , alcohol foam or water spray. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
<b>Fire Hazards</b>	Container explosion may occur under fire conditions or when heated. Vapor may travel considerable distance to source of ignition and flash back. Vigorously supports combustion. Combustible when exposed to heat or flame.
<b>Explosion Hazards</b>	Vapors may travel along ground and flashback along vapor trail.

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### Section 6. Accidental Release Measures

<b>Small Spill and Leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
<b>Large Spill and Leak</b>	Combustible liquid, insoluble in water. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Prevent entry into sewers and surface waterways. Absorb with DRY earth, sand or other non-combustible material. Place in appropriate container and dispose of in accordance with regional regulations.

### Section 7. Handling and Storage

<b>Handling</b>	Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.
<b>Storage</b>	Combustible materials should be stored away from extreme heat and away from strong oxidizing agents. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Keep out of reach of children.

### Section 8. Exposure Controls, Personal Protection

<b>Engineering Controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No special protective clothing is required.
<i>Respiratory</i>	Wear appropriate respirator when ventilation is inadequate. Be sure to use an approved/certified respirator or equivalent.
<i>Hands</i>	Gloves (impervious).

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Petroleum distillates (Slight.)
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH (1% Soln/Water)</b>	Not applicable.	<b>Color</b>	Colorless.
<b>Boiling/Condensation Point</b>	Initial >158°C (316.4°F)	<b>Volatility</b>	100% (v/v). 100% (w/w).
<b>Melting/Freezing Point</b>	-58°C (-72.4°F)	<b>Evaporation Rate</b>	0.1 compared to Butyl acetate.
<b>Specific Gravity</b>	0.79 (Water = 1)	<b>Odor Threshold</b>	Not available.
<b>Vapor Pressure</b>	2.2 mm of Hg (@ 20°C)	<b>Viscosity</b>	Kinetic: 1.14 cS
<b>Vapor Density</b>	4.8 (Air = 1)	<b>Solubility</b>	Easily soluble in diethyl ether, n-octanol. Insoluble in water, methanol.
<b>VOC Content</b>	790 (g/l).	<b>Other Properties</b>	Not available.
<b>The Product is:</b>	Combustible.		
<b>Autoignition Temperature</b>	229°C (444.2°F)		
<b>Flash Points</b>	CLOSED CUP: 43°C (109.4°F). (Tagliabue.).		
<b>Flammable Limits</b>	LOWER: 1% UPPER: 13.3%		
<b>Fire Hazards in Presence of Various Substances</b>	Flammable in presence of open flames, sparks and static discharge, of heat.		

### Section 10. Stability and Reactivity

<b>Stability</b>	The product is stable.
<b>Conditions of Instability</b>	No additional remark.
<b>Incompatibility with Various Substances</b>	Reactive with oxidizing agents.

### Section 11. Toxicological Information

<b>Routes of Entry</b>	Eye contact. Inhalation. Ingestion.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): >5000 mg/kg [Rat].
<b>Acute Effects on Humans</b>	<p><b>Eyes</b> Slightly hazardous in case of eye contact (irritant).</p> <p><b>Skin</b> Slightly hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.</p> <p><b>Inhalation</b> Slightly hazardous in case of inhalation. Exposure to high concentrations can cause dizziness, lightheadness, headache, nausea, and blurred vision. Higher levels may cause unconsciousness.</p> <p><b>Ingestion</b> This product is of very low acute toxicity. Aspiration hazard if swallowed- can enter lungs and cause damage.</p>
<b>Chronic Effects on Humans</b>	<p><b>CARCINOGENIC EFFECTS:</b> Not available.</p> <p><b>MUTAGENIC EFFECTS:</b> Not available.</p> <p><b>TERATOGENIC EFFECTS:</b> Not available.</p> <p><b>DEVELOPMENTAL TOXICITY:</b> Not available.</p> <p>Prolonged exposure can cause dermatitis. Soporific or intoxicating effect if prolonged and in sufficient concentration. Avoid breathing vapors or spray mists.</p>




### Section 12. Ecological Information

<b>Ecotoxicity</b>	Not available.
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### Section 13. Disposal Considerations

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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### Section 14. Transport Information

<b>TDG Classification (Canada)</b>	Not controlled under TDG (Canada).	
<b>PIN (Canada)</b>	Not applicable.	
<b>Special Provisions for Transport (Canada)</b>	In containers of 454 L capacity or less this product is exempt from TDG regulations (non regulated).	
<b>IMDG Classification</b>	3.3	
<b>PIN</b>	Shipping name: PETROLEUM DISTILLATES, N.O.S. (Solvent naphtha) UNNA: UN 1268 PG: III	
<b>Marine Pollutant</b>	Not pollutant.	
<b>DOT Classification (U.S.A)</b>	Not a DOT controlled material (United States).	
<b>PIN</b>	Not regulated.	
<b>Special Provisions for Transport (U.S.)</b>	In containers of 450 L capacity or less this product is exempt from DOT regulations (non regulated).	



### Section 15. Other Regulatory Information and Pictograms

**WHMIS Classification (Canada)** WHMIS CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).



**HCS Classification (U.S.A.)** Class: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).

**USA Regulatory Lists** All the ingredients are on the TSCA list.

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

Health	0
Flammability	2
Reactivity	0
Personal Protection	G

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



### Section 16. Other Information

Validated and verified by Product Development and Technical Coordinator on 4/30/2001.

Printed 5/5/2001.

**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.*