



Material Safety Data Sheet

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

Section 1. Product and Company Identification	
Product Name / Trade name	Paint Thinner
Synonym	Petroleum Distillate
Chemical Family	Aliphatic hydrocarbon (Solvent.)
Chemical Formula	Not applicable.
Manufacturer	Recochem Inc. 850 Montee de Liesse Montreal, Quebec 514-341-3550
Material Uses	Consumer products: Solvent.
Associated Product's Item Code	13-320
CAS #	64742-88-7
DSL	On the DSL list.
Validation Date	3/30/2001.
Print Date	5/4/2001.
In Case of Emergency	Recochem Inc. Communications and Regulatory Affairs Department (905) 791-1788

Section 2. Hazardous Ingredients			
Name	CAS #	% by Weight	Exposure Limits
			Canadian Values (ACGIH)
1) Petroleum Distillate	64742-88-7	100	<p>TWA: 100 ppm from ACGIH (Canada, 1999). Period: 8 hour(s).</p> <p>TWA: 525 mg/m³ from ACGIH (Canada, 1999). Period: 8 hour(s).</p> <p>^{1) Petroleum Distillate} TWA: 500 ppm from OSHA (United States, 1999). Period: 8 hour(s).</p> <p>TWA: 2900 mg/m³ from OSHA (United States, 1999). Period: 8 hour(s).</p>

Section 3. Emergency Overview	
Hazard Overview	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.
Potential Acute Health Effects	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.
Note to Physician	Not available.

Section 4. First Aid Measures	
Eye Contact	Rinse with water for a few minutes. If irritation persists, seek medical attention.
Skin Contact	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.
Inhalation	Allow the victim to rest in a well ventilated area. Seek medical attention.
Ingestion	DO NOT induce vomiting. Allow the victim to rest in a well-ventilated area. Seek medical attention.

Section 5. Fire Fighting Measures	
Products of Combustion	Carbon oxides (CO, CO ₂), smoke, fumes.
Fire Fighting Media and Instructions	Combustible liquid, insoluble in water. SMALL FIRE: Use DRY chemicals, CO ₂ , 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.
Fire Hazards	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.
Explosion Hazards	Vapors may travel along ground and flashback along vapor trail.

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Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill and Leak	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

Handling	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.
Storage	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

Engineering Controls	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.
Personal Protection	
<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

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



Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

Routes of Entry	Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): >5000 mg/kg [Rat].
Acute Effects on Humans	<p>Eyes Slightly hazardous in case of eye contact (irritant).</p> <p>Skin Slightly hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening or occasionally, blistering.</p> <p>Inhalation 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>Ingestion This product is of very low acute toxicity. Aspiration hazard if swallowed- can enter lungs and cause damage.</p>
Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Not available.</p> <p>MUTAGENIC EFFECTS: Not available.</p> <p>TERATOGENIC EFFECTS: Not available.</p> <p>DEVELOPMENTAL TOXICITY: 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

Ecotoxicity	Not available.
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Section 13. Disposal Considerations

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

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

	Flammability
Health	0
0	0
	Reactivity
	Specific Hazard

Section 16. Other Information

Validated and verified by Product Development and Technical Coordinator on 3/30/2001.

Printed 5/4/2001.

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.