







(11263)

Material Safety Data Sheet

WHMIS (Pictograms)	WHMIS (Classification)	Personal protective equipment
 	Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). Class D-1B: Material causing immediate and serious toxic effects (Toxic).	 

Section 1. Product and Company Identification	
Product name / Trade name	End Cut Wood Preservative
Synonym	Not applicable.
Chemical family	Not applicable.
Chemical formula	Not applicable.
Manufacturer/Supplier	Recochem Inc. 850 Montee de Liesse Montreal, Quebec H4T 1P4 (514) 341-3550 www.recochem.com
Material uses	Consumer products: Preservative for wood.
Associated Product's Item Code	13-684
CAS #	Mixture.
Validation date	Apr. 02 2013
Print date	Apr. 04 2013
In case of emergency	Recochem Inc. Communications and Regulatory Affairs Department (905) 878-5544

Section 2. Hazards identification	
Emergency Overview	WARNING! FLAMMABLE LIQUID AND VAPOR. COMBUSTIBLE. Flammable liquid. Keep away from heat, sparks and flame. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use.
Potential Acute Health Effects	See section 11 for more detailed information on health effects and symptoms. Slightly hazardous by the following route of exposure: of skin contact (irritant), of eye contact (irritant), of inhalation. Severe over-exposure can result in death. Prolonged and repeated contact with skin can cause drying of the skin resulting in irritation and dermatitis. Skin inflammation is characterized by itching, scaling, reddening. Ingestion can cause burning sensation, vomiting, drowsiness and in severe cases pulmonary edema.
Note to Physician	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.

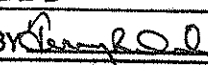
Section 3. Composition, information on ingredients			
Canada			
Name	CAS number	Conc. (% w/w)	
Solvent naphtha (petroleum), medium aliph.	64742-88-7	85 - 95	
Copper naphthenate	1338-02-9	1 - 10	

Continued on next page

APPROVED MATERIAL

JUN 20 2013

MSDS # 11263

APPROVED BY 



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

Eye contact	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 immediately.
Skin contact	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 immediately.
Inhalation	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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion	Wash out mouth with water. Remove person from exposure. 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, keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Notes to physician	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5. Fire-fighting measures

Products of combustion	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Fire-fighting media and instructions	Use dry chemical, CQ, water spray (fog) or foam.
Fire Hazards	Container explosion may occur under fire conditions or when heated. Vapor may travel a considerable distance to source of ignition and flash back. Vigorously supports combustion. Combustible when exposed to heat or flame.
Explosion Hazards	Vapor may travel a considerable distance to source of ignition and flash back.

Section 6. Accidental release measures

Small spill and leak	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. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
Large spill and leak	Stop leak if without risk. Move containers from spill area. Approach release from upwind. 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). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Continued on next page

**Section 7. Handling and Storage****Handling**

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. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage

Do not store above the following temperature: 42°C (107.6°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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**Engineering controls**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Personal protection

Eyes 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

Body 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.

Respiratory 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.

Hands 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. >8 hours (breakthrough time): nitrile rubber

United States**Product name****Exposure limits**

Solvent naphtha (petroleum), medium aliph.

OSHA (United States, 2003).

TWA: 500 ppm 8 hour(s).

TWA: 2900 mg/m³ 8 hour(s).**Canada****Continued on next page**

Occupational exposure limits

No exposure limit value known.

Section 9. Physical and chemical properties

Physical State and Appearance	Liquid.	Odour	Petroleum distillates [Slight]
Molecular weight	Not applicable.	Taste	Not available.
pH	Not available.	Colour	Green.
Boiling/condensation point	150 to 210°C (302 to 410°F)	Volatility	100% (v/v). 100% (w/w).
Melting/freezing point	-58°C (-72.4°F)	Evaporation rate	0.1 compared with Butyl acetate.
Relative density	0.79 to 0.82	Odour Threshold	Not available.
Vapor pressure	0.29 kPa (2.2 mm Hg)	Viscosity	Kinematic: 0.0114 cm ² /s (1.14 cSt)
Vapour Density	5 [Air = 1]	Solubility	Easily soluble in the following materials: diethyl ether, n-octanol. Insoluble in the following materials: water.
VOC content	98.1 % (w/w) [ISO 11890-1]	Other Properties	Not available.
The product is:	Combustible.		
Auto-ignition temperature	229°C (444.2°F)		
Flash point	Closed cup: 42°C (107.6°F) [Tagliabue. (ASTM D56)]		
Flammable limits	Lower: 1% Upper: 13.3%		
Fire hazards in the presence of various substances	Flammable in the presence of open flames, sparks and static discharge.		

Section 10. Stability and reactivity

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

Continued on next page

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

Solvent naphtha (petroleum), medium aliph.	LD50 Oral	Rat	>5000 mg/kg	-
Copper naphthenate	LD50 Dermal	Rat	>5000 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
Conclusion/Summary	Not available.			

Chronic toxicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : No additional remark.

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.

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.

Continued on next page



Section 14. Transport information

Canada TDG Classification		No placard (handling and hazard label) required
Class	-	
Subsidiary class	-	
Proper Shipping Name (Canada) TDG	-	
UN number	Not regulated.	
Packing Group	-	
Special provisions	Not available.	
IMDG Classification		 No placard (handling and hazard label) required
Class	Class 3: Flammable liquid.	
Subsidiary class	-	
Proper Shipping Name IMDG	PETROLEUM DISTILLATES, N.O.S.	
UN number	UN 1268	
Packing Group	III	
Marine pollutant	Not a pollutant.	
Special provisions	In containers of 5 L capacity or less this product is classified as a "Limited Quantity" under IMDG regulations, in accordance with chapter 3.4 Limited quantities section of IMDG code.	
United States DOT (Classification)		No placard (handling and hazard label) required
Class	-	
Subsidiary class	-	
Proper Shipping Name (United States) DOT	-	
UN number	Not regulated.	
Packing Group	-	
Special provisions	In containers of 450L or less, this product meets the requirements of DOT exemption as per 49 CFR, section 173.150 (f).	
International Air Transport Association (IATA)	For air shipment classification and associated regulations, please refer to the latest edition of IATA Dangerous Goods Regulations.	

Continued on next page

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

Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-1B: Material causing immediate and serious 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.)

Combustible liquid

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	2
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 Apr. 02 2013 ph.# 905-878-5544.

Printed Apr. 04 2013

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