

**STATEMENT OF HAZARDOUS NATURE**

Not hazardous according to criteria of Worksafe Australia

**COMPANY DETAILS**

Company	KOPPERS ARCH WOOD PROTECTION (AUST) PTY LIMITED ABN 95 003 780 872
Address	15 Blue Street, North Sydney, NSW, 2060.
Telephone Number	(02) 9954 5433
Fax	(02) 9954 5467
Emergency Telephone Number	(02) 4967 4777 (24 hours)

**IDENTIFICATION**

Product Name	<b>CN TIMBER PROTECTIVE EMULSION</b>
Other Names	CN, CN Emulsion
Manufacturers Product Code	
UN Number	
Dangerous Goods Class	Not a Dangerous Good
Hazchem Code	
Poisons Schedule	5
Uses	Remedial preservative to protect timber against fungal and insect attack. Used particularly for the groundline protection of wood utility poles.

**Physical Description /Properties**

Appearance & Odour	Light green paste/gel, slight ammonia and oily odour
Boiling Point oC	100
Vapour Pressure	Low
Flashpoint	180 °C (Closed cup)
Flammability Limits	Not determined
Solubility in Water	Emulsifies/disperses

**Other Properties**

Vapour Density	Not applicable
Viscosity	>25,00cps @ 20 °C
pH	8 ± 0.5
Specific Gravity	0.95
Volatile Content	Not applicable

**Ingredients**

	Chemical Name	CAS Number	Proportion %m/m
Active ingredient	Copper naphthenate	1338-02-9	10 - 30
Inerts	Mineral oil hydrocarbons	8012-95-1	30 - 60
	Casein	9000-71-9	< 1
	Ammonia	7664-41-7	< 1
	Water	7732-18-5	10 - 30

<b>HEALTH HAZARD INFORMATION</b>
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**Health Effects**
*Acute*

Swallowed	Harmful if swallowed. May cause gastrointestinal irritation, cramps, chills and nausea.
Eye	May cause slight to moderate temporary irritation.
Skin	May cause dryness or temporary irritation. May be absorbed through intact skin.
Inhaled	Unlikely under normal conditions due to high viscosity and low volatility of product. Inhalation of spray mist may irritate the respiratory tract. May cause headache, dizziness, irregular breathing, confusion and collapse form oxygen deprivation.

*Chronic*

May cause dry and irritated skin or dermatitis.

**First Aid**

Swallowed	Do not induce vomiting. Give a glass of water and seek medical attention.
Eye	Hold eyes open and flush with plenty of water for at least 15 minutes and see a doctor
Skin	Remove contaminated clothing and wash affected area with soap and water.
Inhaled	Remove person to fresh air and observe breathing.
First Aid Facilities	Eye wash, hand wash.
<b>Advice to Doctor</b>	Treat symptomatically.

<b>PRECAUTIONS FOR USE</b>
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Exposure Standards	Exposure limit standards for some of the constituents of this preparation are as follows: <table style="margin-left: 20px;"> <tr> <td>Constituents:</td> <td style="text-align: right;">mg/m<sup>3</sup> TWA</td> </tr> <tr> <td>Mineral Oils (mist)</td> <td style="text-align: right;">5</td> </tr> <tr> <td>Copper (dust or fume)</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Ammonia</td> <td style="text-align: right;">17</td> </tr> </table>	Constituents:	mg/m <sup>3</sup> TWA	Mineral Oils (mist)	5	Copper (dust or fume)	1	Ammonia	17
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Engineering Controls	Ensure adequate ventilation, particularly if application involves generation of vapour.								
Personal Protection	Use good occupational work practices. Skin absorption and breathing of vapour may be significant routes of exposure. Avoid contact with the product. Oil resistant gloves and overalls are recommended for handling product or contaminated application equipment. If working in an enclosed space or where exposure to fumes is likely to exceed recommended values, use breathing mask with organic filter canisters. Wash hands after use.								

**SAFE HANDLING INFORMATION**

Storage and Transport	Not classified as Dangerous Good. Store in the original container in a secure place away from direct sunlight and with the lid tightly closed. Keep away from children.
Spills and Disposal	Absorb spill with sand, saw dust, vermiculite, or other inert absorbent. Spills should not spread due to high viscosity. Contaminated surfaces may be slippery. Bury clean-up and absorbent materials in an approved landfill in accordance with state and/or local government regulations. Do not dispose of product down drains, sewers or water courses. Do not use empty containers for food or water storage. Crush and bury empty containers.
Fire/Explosion Hazard	The product is not flammable but may be combustible. During combustion and strong heating the product may evolve dense fumes. Combustion may also produce CO and CO <sub>2</sub> and copper fumes. Fire fighters should use full breathing apparatus for fire fighting. Fire exposed containers may build up pressure. Extinguish fire with water, fog, foam, carbon dioxide or dry chemical. Avoid spreading product with water jets. Use water spray to cool product containers.

**OTHER INFORMATION**

Environmental Protection	Do not contaminate drains, sewers, streams, rivers or other water bodies with the product, used containers or washings from application equipment. Normal use is not expected to result in notifiable contamination or residue in rural or agricultural situations.
Animal Toxicity Data	Animal toxicity data is not available for the product. Toxicity data for some of the constituents are as follows: <u>Copper naphthenate</u> LD50 oral and dermal in the rat >6000mg/kg Ames test negative <u>Solvent</u> (based on testing of similar products) - Oral Toxicity, rat = slightly toxic Dermal Toxicity, rabbit = slightly toxic Genetic Toxicity, negative Reproductive Toxicity, rat = negative (up to 400 ppm).
General	The product may permanently stain wool and clothing.

**CONTACT POINT**

Technical Manager,  
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tel (03) 5424 1350, Fax (03) 5424 1288