

SAFETY DATA SHEET

Bazooka 8



1. SUBSTANCE IDENTIFICATION

SUPPLIER NAME	Kop-Coat NZ Limited
SUPPLIER ADDRESS	Level 1, 272 Parnell Road, Auckland 1052 PO Box 3878 Shortland Street, Auckland 1140
SUPPLIER CONTACT DETAILS	07 343 6304
EMERGENCY PHONE	
POISON INFORMATION	0800 POISON (0800 764 766) 24 hours
CHEMICAL EMERGENCY	0800 CHEMCALL (0800 243 622) 24 hours
USE	Anti-sapstain concentrate for dilution with water for use in protection of sawn timber

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to the NZ Environmental Protection Authority criteria.

GHS CLASSIFICATIONS	Skin corrosion Category 1B Serious eye damage Category 1 Reproductive toxicity Category 1 Specific target organ toxicity repeated exposure Category 2 Hazardous to the aquatic environment acute Category 1 Hazardous to the aquatic environment chronic Category 1 Hazardous to terrestrial vertebrates	
SIGNAL WORD	DANGER	
PICTOGRAMS		
HAZARD STATEMENTS	H314 H318 H360 H373 H400 H410	Causes severe skin burns and eye damage. Causes serious eye damage. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life (acute). Very toxic to aquatic life with long lasting effects (chronic).
PREVENTION STATEMENTS	P202 P260 P264 P273 P280	Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapours/spray. Wash face and hands thoroughly after handling. Avoid unintended release to the environment. Wear protective gloves / protective clothing / eye protection / face protection.

SAFETY DATA SHEET

Bazooka 8



2. HAZARDS IDENTIFICATION

RESPONSE STATEMENTS	P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
	P305 + P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P305 + P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P308 + P313	IF exposed or concerned: Get medical advice/ attention.
	P310	Immediately call a POISON CENTRE or doctor/physician.
	P314	Get medical advice/attention if you feel unwell.
	P363	Wash contaminated clothing before reuse.
	P391	Collect spillage.
STORAGE STATEMENTS	P405	Store locked up. See Section 7.
DISPOSAL STATEMENTS	P501	Dispose of contents/containers in accordance with relevant regulations. See Section 13.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION %w/v
Ethyl hexanoic acid	149-57-5	<10
Iodocarb	55406-53-6	1 - 3
Propiconazole	60207-90-1	1 - 3
Iodofon	20018-09-1	<1
Alkyl amines	proprietary	<10
Tri-alkyl amine oxide	Proprietary	<10 - 30
Non-hazardous ingredients	Proprietary	Balance to volume

4. FIRST AID MEASURES

For advice call the National Poisons Centre 0800 POISON (0800 764 766) 24 hours or a doctor. If medical advice is needed have product container or label to hand.

EYE CONTACT	Get immediate medical advice/attention. Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists:
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SAFETY DATA SHEET

Bazooka 8



4. FIRST AID MEASURES

SKIN (or hair) CONTACT	Get immediate medical advice/attention. Remove contaminated clothing. Wash skin with plenty of soap and water. Wash contaminated clothing before reuse.
INHALATION	Remove to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if not breathing. Call doctor if you feel unwell.
INGESTION	Do NOT induce vomiting. Rinse mouth. Call the POISON CENTRE or a doctor if you feel unwell.
IF EXPOSED OR CONCERNED	Get medical attention/advice.
NOTES TO DOCTOR	Treat symptomatically.
FIRST AID FACILITIES	Hand and eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Water fog, carbon dioxide, dry chemical or foam. Prevent extinguishing media from entering drains.
THERMAL DECOMPOSITION PRODUCTS	Non-flammable. Thermal decomposition may produce toxic fumes and compound.
SPECIAL FIRE FIGHTING METHODS	Self-contained breathing apparatus with full face-piece and protective clothing. Cool fire exposed containers with water spray.
HAZCHEM CODE	3Z

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Exclude non-essential people from the area. Wear Personal Protective Equipment (PPE) as detailed in Section 8 of the SDS.
ENVIRONMENTAL PRECAUTIONS	Prevent product from entering waterways or drains.
SPIILLS AND DISPOSAL	Spills may be slippery and should be cleaned up immediately. Contain spillage, then cover/absorb with inert, non-combustible absorbent material (attapulgate or similar). Collect and place in suitable sealed, labelled containers for disposal. Wash area with water and absorb with further inert material. Dispose of safely at an approved landfill. See Section 13 for details on disposal.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING	Carefully read the label before use. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands and face before eating. Prohibit eating, drinking and smoking in contaminated areas.
STORAGE	Store in original container, tightly closed, in a locked, dry, cool and well-ventilated area and avoid direct sunlight. Store away from foodstuffs, fertilisers or seeds. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Stores containing 100 litres or more of Bazooka 8 require secondary containment, signage and an emergency response plan.

SAFETY DATA SHEET

Bazooka 8



7. HANDLING AND STORAGE

Stores containing 250 litres or more of Bazooka 8 require a location compliance certificate.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS	No exposure limits have been set for components in this product.
EYE PROTECTION	Wear splash proof goggles.
RESPIRATORY PROTECTION	Wear respiratory protection (organic vapour cartridge(s) when mixing/applying or there is risk of inhalation.
PROTECTIVE CLOTHING	Wear chemically resistant gloves, coveralls, socks and chemical-resistant footwear.
VENTILATION	Avoid inhalation. Use in a well-ventilated area.
HYGIENE PRECAUTIONS	Do not eat, drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands and face after handling before breaks and after work. Contaminated clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/STATE/ COLOUR	Clear pale yellow liquid
ODOUR	Slight detergent like
ODOUR THRESHOLD	Not Available
pH (1% dilution)	6.5 – 7.0
MELTING POINT/FREEZING POINT	Not Available
INITIAL BOILING POINT/BOILING RANGE	Not Available
FLASHPOINT	Not Applicable
FLAMMABILITY	Not flammable
UPPER/LOWER FLAMMABILITY LIMITS	Not Available
VAPOUR PRESSURE	Not Available
VAPOUR DENSITY	Not Available
RELATIVE DENSITY	0.99g/ml @ 25°C typical
SOLUBILITY	Miscible in water
OCTANOL/WATER PARTITION COEFFICIENT	Not Available
AUTOIGNITION TEMP	Not Applicable
DECOMPOSITION TEMPERATURE	Not Available.
KINEMATIC VISCOSITY	Not Available

SAFETY DATA SHEET

Bazooka 8



9. PHYSICAL AND CHEMICAL PROPERTIES

PARTICLE CHARACTERISTICS

Not Applicable

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal storage conditions in original container for two years.

CONDITIONS TO AVOID

None known.

MATERIALS TO AVOID

Strong acids/bases. Oxidising and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous polymerisation will not occur. Thermal decomposition may produce toxic fumes and compounds.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

No toxicological data is available for the finished product.

ORAL TOXICITY

Propiconazole	LD50 (rabbit)	1344 mg/kg
Iodocarb	LD50 (rat)	1100mg/kg
Alkyl amine	LD50 (rat)	760 mg/kg

DERMAL TOXICITY

No information

INHALATION TOXICITY

No information

EYE CORROSION/IRRITANCY

Causes serious eye damage

SKIN CORROSION/IRRITANCY

Causes severe skin burns

CHRONIC EFFECTS

CARCINOGENICITY

No information

REPRODUCTIVE TOXICITY

May damage fertility or the unborn child

GERM CELL MUTAGENICITY

No information

ASPIRATION

No information

STOT/SE

No information

STOT/RE

May damage organs through prolonged or repeated exposure

NARCOTIC EFFECTS

No information

12. ECOLOGICAL INFORMATION

TOXICITY

Very toxic to aquatic life with long lasting effects. Hazardous to terrestrial vertebrates.

PRECAUTIONS

Avoid release to the environment.

ECOTOXICITY INFORMATION

Propiconazole	Rainbow trout,	LC ₅₀ 830 µg/L (0.83 mg/L)
	Green algae	EC ₅₀ 0.00022 mg/L
Iodocarb	Rainbow trout,	LC ₅₀ 67 µg/L (0.0067 mg/L)

SAFETY DATA SHEET

Bazooka 8



12. ECOLOGICAL INFORMATION

Alkyl amine	Green algae, EC ₅₀ 0.00022 mg/L
	Water flea, LC ₅₀ (48h) 0.026 mg/L
	Fish (zebra), LC ₅₀ 10-100 mg/L
	Daphnia magna, EC ₅₀ (48hr) 4.4 mg/L

13. DISPOSAL CONSIDERATIONS

Do not contaminate streams, rivers or waterways with the chemical or the used container.

PRODUCT DISPOSAL

Dispose of by using product as intended, according to the label directions. If this is not possible, contact your supplier or chemical recycling facility. Consult the regional council for disposal or sludge or other wastes containing this product.

CONTAINER DISPOSAL

Triple rinse container and recycle product washings through treatment system. Only reuse empty containers for storage and or shipment of the original product. Do NOT burn. Dispose at an approved landfill.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005, NZS 5433:2020, IMDG OR IATA.



	Land Transport (NZS 5433)	Sea Transport (IMDG/IMO)	Air Transport (IATA/ICAO)
UN Number	1760	1760	1760
Proper Shipping Name	CORROSIVE LIQUID N.O.S. (alkyl amine)	CORROSIVE LIQUID N.O.S. (alkyl amine)	CORROSIVE LIQUID N.O.S. (alkyl amine)
Transport Hazard Class	8	8	8
Subsidiary Class	-	-	-
Packing Group	III	III	III
Hazchem	3Z	3Z	3Z
Marine Pollutant Status		Marine Pollutant	

15. REGULATORY INFORMATION

HAZARDOUS SUBSTANCE APPROVAL CODE

Approved pursuant to the HSNO Act 1996, Approval Code HSR000117 / HSR002491
This product is an intermediate pre-mix manufacturing concentrate that is a dilution of Bazooka® (HSR000117) and Alpha™ 8 (HSR002491). Additional

SAFETY DATA SHEET

Bazooka 8



15. REGULATORY INFORMATION

HSNO Control for Bazooka: shall only be used as an agent in the preservative treatment of timber.

See the EPA website for approval controls www.epa.govt.nz

16. OTHER INFORMATION

SDS ISSUE DATE	8 November 2024
SDS REVIEW DATE	November 2029
REFERENCES	Supplier SDS NZ Workplace Exposure Standard and Biological Exposure Indices (April 2022) NZ Chemical Classification Information Database NZ EPA Hazardous Substance Approvals and Group Standards Databases
ABBREVIATIONS	
CAS Number	Chemical Abstract Service Number - used to uniquely identify chemical compounds
EPA	Environmental Protection Authority (New Zealand)
g/L	Grams per litre
GHS	Globally Harmonised System
HSNO	Hazardous Substances and New Organisms
LC50	Lethal Concentration, 50%/Median Lethal Concentration
LD50	Lethal Dose, 50%/Median Lethal Dose
mg/m ³	Milligrams per cubic metre
STEL	Short Term Exposure Limit
WES	Workplace Exposure Standard
IMDG/IMO	International Maritime Dangerous Goods/International Maritime Organisation
IATA/ICAO	International Air Transport Association/International Civil Aviation Organisation
TLV	Threshold Limit Value
TWA	Time Weighted Average
OEL	Occupational Exposure Limit

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

End of Safety Data Sheet