

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

SAP STRIP

Substance Mixture of inorganic salts

Product Use Timber conditioner for removing tannin and other extractives from various types of wood

Supplier Quantum Timber Finishes

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AUSTRALIA

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For advice, contact a poisons information centre (Phone 131126) or a doctor at once.

SECTION 2 – HAZARDS IDENTIFICATION

This product is classified as **HAZARDOUS** according to criteria of the National Occupational Health and Safety Commission (NOHSC) and is **NON-DANGEROUS** according to NOHSC criteria, and ADG code.

Risk Phrases

R36/38 Irritating to eyes respiratory system and skin.

May impair fertility

May cause harm to the unborn child.

Safety Phrases

S1/2 Keep locked up and out of the reach of children

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of soapy water.

Avoid exposure – obtain special instructions before use.

Use only in well ventilated area.

Keep away from food, drink and animal feeding stuffs.

To clean areas and tools or utensils use water.

This material and its container must be disposed of in a safe way.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient, CAS No., Proportion		
Sodium borate decahydrate	CAS 1303-96-4	60-70%
A sodium salt		<30%
Additives		<10%

SECTION 4 – FIRST AID MEASURES

SWALLOWED

Do NOT induce vomiting. If vomiting occurs seek medical advice.

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

Telephone: **13 11 26** (in Australia), Telephone: **0800 764 766** (in New Zealand)

Inhalation In the event of perceived effects move patient to fresh air. Encourage patient to blow nose to ensure clear breathing passages. Ask patient to rinse mouth with water but not to drink the water. Seek medical attention.

Skin Contact Remove contaminated clothing, shoes, watch, etc immediately. Wash skin and hair with soap or mild detergent and large amounts of water for at least 5 minutes. Wash clothing before re-use. Seek medical attention if required.

Eye Contact Wash eyes immediately with large amounts of water or normal saline, regularly lifting upper and lower lids, for 15 minutes.

Seek medical attention immediately.

Ingestion Rinse mouth thoroughly with cold water. DO NOT induce vomiting. Give a large quantity of water. If vomiting occurs naturally, keep head lower than hips to help prevent aspiration. Seek medical attention if required.

Notes to physician

Refer to acute or short term exposure to boron and its compounds.

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire & Explosion Hazards

Solid which exhibits difficult combustion or is difficult to ignite. However it is advisable to avoid generating dust particularly clouds of dust as in an unventilated space it may form an explosive mixture which could be ignited by a spark. Combustion products include carbon monoxide and carbon dioxide.

Extinguishing Media

No special extinguishing media required. Fight fire as per materials actually involved in fire.

Fire Fighting On burning, this material may emit toxic fumes including those of carbon oxides. Move containers from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products.

Flash point Non-flammable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Minor Spills

Clean up all spills immediately.
Avoid contact with eyes and skin.

Major spills unlikely due to small pack size, however prevent any spillage from entering drains or water courses.

SECTION 7 – HANDLING AND STORAGE

Storage. Store in original containers. Keep containers securely sealed. If separating always use polyethylene or polypropylene containers. Store in a cool, dry, well ventilated area away from oxidizing agents, foodstuffs, clothing and out of direct sunlight.

Handling Keep containers sealed when not in use. Maintain high standards of personal hygiene (ie. wash hands after handling and prior to eating, drinking, smoking or using toilet facilities).
Use in a well ventilated area.

SECTION 8 – EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Limits

Australian exposure standards	sodium borate, decahydrate	TWA 5mg/cubic metre
Australian exposure standards	sodium salts	TWA 1mg/cubic metre

PERSONAL PROTECTION

Ventilation.

Conventional airflow is generally considered sufficient. Ensure compliance with applicable NOHSC exposure limits.

Respirator: Particulate

Eye Protection Wear safety glasses, goggles or face shield. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 – *Eye Protectors for Industrial Applications*.
Ensure an emergency eye wash bottle is readily accessible in the event of an eye **contact** incident. Be aware that contact lenses may pose a special hazard, soft lenses may absorb and concentrate irritants. Seek specialised advice (CDC NIOSH Current Intelligence Bulletin 59)

Skin Protection Wear impervious clothing, including boots, gloves and coveralls, as appropriate, to prevent skin contact. Application of a barrier cream before use will provide additional protection.

SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

Physical Appearance	White powder, partially soluble in water.
Odour	None
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Boiling Point	Not applicable
Flash Point	Non-flammable
Specific Gravity	1.25
Auto-ignition Temperature	Not applicable
Water Solubility	Mixes with water

pH as supplied Not applicable (1% solution 9-9.5)
Flammability Limits Non-flammable

SECTION 10 – CHEMICAL STABILITY and REACTIVITY

Reactivity: Product is **considered** stable at normal temperatures and pressure.
Conditions to Avoid: Avoid contact with incompatible materials. (see section 7)
Hazardous Decomposition: Will not occur
Polymerization: Polymerization will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Inhalation Causes irritation to the respiratory tract which may lead to coughing and shortness of breath.
Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin May cause redness, itching and irritation.
Eye May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects Chronic exposure may cause skin irritation and dermatitis.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity No data available for this product
Persistence/Degradability No data available for this product
Environment Protection Do not allow product to enter drains, waterways or sewers.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste according to federal and state EPA regulations. Empty containers may contain hazardous residues, do not allow wash water to enter drains and/or water-ways.

SECTION 14 – TRANSPORT INFORMATION

Hazchem: None (ADG7)
Not regulated for transport of dangerous goods: ADGV7, UN, IATA, IMGD.

SECTION 15 – REGULATORY INFORMATION

Poisons Schedule S5
Regulations for ingredients. Sodium Borate, Decahydrate (CAS:1303-96-4, 1344-90-7, 12447-40-4, 61028-24-80)
Is found on the following regulatory lists; "Australia Hazardous substances", "Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (ACIS)", "OECD Representative List of High Production Volume (HPV) Chemicals".

SECTION 16 – OTHER INFORMATION

Reason/s for Issue

Format to comply with NOHSC:2011(2003) – *Code of Practice for the Preparation of MSDS*
Quantum Timber Finishes maintains Material Safety Data Sheets (MSDS) on all of its products. This MSDS summarizes information that you need to be aware of to protect your employees, customers and yourself against issues relating to health and safety hazards associated with this product. It is recommended that you obtain the respective MSDS prior to using each product. Information contained in this MSDS is, to the best of our knowledge, accurate and reliable, however no guarantee is given nor intended as conditions of handling and use are beyond our control. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Quantum Timber Finishes.

References NOHSC:2011(2003) – *Code of Practice for the Preparation of MSDS*
NOHSC:1008(2004) – *Approved Criteria for Classifying Hazardous Substances*

END OF MSDS