Duralex Paints Pty Ltd
ABN: 17 000 392 227
3-5 Muriel Avenue,
Rydalmere NSW 2116
Phone: +61 2 9638 0568
Fax: +61 2 9684 1864
www.duralexpaints.com.au

SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: January 17

PRODUCT: dura-STRIP

Other Names: Timber Stripper and Cleaner

Uses: Timber stripper and cleaner

Signal Word: Danger

UN No.:	3266
Dangerous Goods Class:	8
Subsidiary Risk:	None
Packing Group:	III
Hazchem Code:	2X
Poisons Schedule:	5

Hazardous Nature:	Corrosive/Irritant
Hazard Statement:	This material is hazardous according to criteria of Safe Work Australia.
GHS Classification:	Serious Eye Damage/Irritation-Category 1 Skin Corrosion/Irritation-1C Specific Target Organ Toxicity(single exposure)-Category 3

Physical Characteristics (Typical) — Section 9 of the SDS

Appearance	Transparent liquid.
Boiling Point/Range (°C):	Approximately 100
Flash Point (°C):	Not applicable
Specific Gravity/Density (g/ml @ 15°C):	1.1
pH:	12
Chemical Stability:	This material is thermally stable when stored and used as directed.
Reactivity:	Elevated temperatures.

Product Ingredients — Section 3 of the SDS

Ingredient	CAS Number	Proportion
Water	7732-18-5	50-60%
Sodium Metasilicate	6834-92-0	<10%
Non hazardous ingredients	Various	Balance
For further ingredients information, please refer to the full MSDS		

GHS Pictograms — Section 2 of the SDS

Corrosive hand

Exclamation Mark

DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

SUMMARY INFORMATION ONLY

1. IDENTIFICATION

Product Name:	dura-STRIP
Other Names:	Timber Cleaner
Chemical Family:	
Molecular Formula:	Not known
Recommended Use:	Timber cleaner
Supplier:	Duralex Paints Pty Ltd.
ABN:	17 000 392 227
Address:	3 – 5 Muriel Avenue, Rydalmere NSW 2116
Telephone:	+61 2 9638 0568
Fax:	+61 2 9684 1864
Emergency Phone:	**+61 2 9638 0568**
All other inquiries:	+61 2 9638 0568

2. HAZARDS IDENTIFICATION

Hazard Category

C: Corrosive; Xi: Irritant

GHS Classification

Serious Eye Damage/Irritation – Category 1

Skin corrosion/Irritation – Category 1C

Specific Target Organ Toxicity (single exposure) – Category 3

GHS Pictograms

Corrosive hand Exclamation Mark

Hazard Statement

Irritant/corrosive

Hazard Statements

H314: Causes severe skin burns and eye damage
H318: Causes serious eye damage
H335: May cause respiratory irritation

Precautionary Statements

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash hands, face, and all exposed skin thoroughly after handling thoroughly .
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331+310:IF SWALLOWED:Rinse mouth. DO NOT induce vomiting.

Dangerous Goods Classification 8
Poisons Schedule 5
Signal Word Danger

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% v/v)
Water	7732-18-5	50-60%
Sodium Metasilicate	6834-92-0	<10%
Non hazardous ingredients	Various	Balance

4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

Ingestion

If swallowed, DO NOT induce vomiting. Immediately rinse mouth with water. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. Transport to Doctor or hospital quickly.

Eye Contact

Flush eyes with large amounts of water for 15 minutes. Urgently seek medical assistance. Transport to hospital or medical facility.

Skin Contact

For gross contamination, immediately drench with water and remove clothing.Continue to flush skin and hair with plenty of water (use mild soap if matererial is insoluble). For skin burn, cover with a clean, dry dressing until medical help can be sought. If blistering occurs, do NOT break blisters. If swelling, redness, blistering or irritation occurs, seek medical assistance.

Inhalation

Using proper respiratory protection, immediately remove the affective victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek medical attention if effects persist.

First Aid Facilities

Provide eye baths and safety showers.

Medical Attention

Treat according to symptoms. Can cause corneal burns.

5. FIRE FIGHTING MEASURES

Shut off product that may ‘fuel’ a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable Extinguishing Media

If material is involved in a fire use water fog, fine water spray, foam or dry agent.

Hazards from combustion products

Non-combustible material.

Precautions for fire fighters and special protective equipment

Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters should wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Hazchem Code

2X

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Prevent product from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment

Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

7. HANDLING AND STORAGE

Precautions for Safe Handling

P405: Store locked up

P403+P233: Store in well ventilated place. Keep container tightly closed.

Conditions for Safe Storage

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

Incompatible Materials

Oxidising agents and acids.

This material is classified a s a Dangerous Good Class 8 Corrosive as per criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Schedule Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

National Exposure Standards

The time weighted average concentration (TWA) for this product is: None allocated, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None allocated, which is the maximum allowable exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where applies in this case.

Biological Limit Values (BLV)

Ingredients in this material do not have a Biological Limit Allocated.

Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

Personal Protective Equipment

Respiratory Protection: Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

Eye Protection: Always use safety glasses or a face shield when handling this product.

Skin/Body Protection: Always wear long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	Transparent liquid.
Boiling Point/Range	°C	Approximately 100
Flash Point	°C	Not applicable
SG/Density (@ 15°C)	g/ml; kgm^{-3}	1.1
Vapour Pressure @ 20°C	kPa	Not available
Vapour Density @ 20°C	g/ml; kgm^{-3}	Not known
Autoignition Temperature	°C	Not applicable
Explosive Limits in Air	% vol/vol	Not applicable - Not applicable
Viscosity @ 20°C	cPs, mPas	Not available
Percent volatiles	% vol/vol	Not available
Acidity/alkalinity as pH	None	12
Solubility in Water	g/l	Soluble in water
Other solvents	-	Not applicable

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

10. STABILITY AND REACTIVITY

Chemical stability

This material is thermally stable when stored and used as directed.

Conditions to avoid

Elevated temperatures.

Hazardous decomposition products

Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions

No known hazardous reactions.

Hazardous polymerisation

Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

Swallowing may result in nausea, vomiting,diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye Contact

A severe eye irritant. Corrosive to eyes, contact may cause corneal burns. Contamination of eyes may result in permanent injury.

Skin Contact

Contact with skin will result in severe irritation. Corrosive to skin-may cause skin burns.

Inhalation

Where this material is used in poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea.

Chronic Effects

This material has been classified as non-hazardous.

Other Health Effects Information

Eye: This material has been classified as a Category 1 Hazard. (irreversible effects to eyes).

Skin: This material has been classified as a Category 1C Hazard (corrosive to skin).

Specific target organ toxicity (single exposure): This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation.

Toxicological Information

Oral LD_{50}: Not determined.

Dermal LD_{50}: Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:

Fish Toxicity LC_{50}:	No information available.
Daphnia Magna EC_{50}:	No information available.
Blue-green algae:	No information available.
Green algae:	No information available.

Persistence/Biodegradability: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

Special Precautions

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	3266	**UN No.**	3266	**UN No.**	3266
Proper Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS ALKALINE SALTS)	**Proper Shipping Name**	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS ALKALINE SALTS)	**Proper Shipping Name**	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS ALKALINE SALTS)
DG Class	8	**DG Class**	8	**DG Class**	8
Sub. Risk	None	**Sub. Risk**	None	**Sub. Risk**	None
Packing Group	III	**Packing Group**	III	**Packing Group**	III
Hazchem	2X	**Hazchem**	2X	**Hazchem**	2X

Dangerous Goods Segregation

Not to be loaded with explosives (Class1), dangerous when wet substances (Class4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), radioactive substances (Class 7) or food and food packaging in any quantity, however exemptions may apply. Note that strong alkalis are not compatible with strong acids.

15. REGULATORY INFORMATION

Country/Region: Australia

Inventory: AICS

Status: Listed

Poisons Schedule: 6

16. OTHER INFORMATION

Reasons for Issue: New manufacturer information; changes and updates in multiple sections.

Abbreviations:

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

GHS: Global Harmonised System

IARC: International Agency for Research on Cancer

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

UN: United Nations

References:

- Supplier Safety Data Sheets
- http://hsis.safework.gov.au/SearchHS.aspx (January 17)
- Animal toxicology data: http://chem.sis.nlm.nih.gov/chemidplus (January 17)
- Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm (January 17)

• *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Duralex Paints Pty Ltd.