

SAFETY DATA SHEET

SDS: 0072569

Date Prepared: 26-Mar-2025

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1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: ARAPLEX 2000
Product Description: Acrylic styrene copolymer dispersion in water
Intended/Recommended Use: Recommended for Industrial and/or Professional use only
Uses advised against: Not available

Bondlast Construction Products.
24-28 Lady Ruby Drive, East Tamaki, Auckland 2013, New Zealand

For Product and all Non-Emergency Information call +64 (09) 267 2772 (business hours only) or contact us at <https://www.dglbondlast.co.nz/contact/>

EMERGENCY TELEPHONE NUMBER
Poisons Information Centre, New Zealand: 0800 764 766

2. HAZARDS IDENTIFICATION

Regulatory information
Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2020

EPA New Zealand HSNO approval code or group standard: Not Classified

GHS Classification
Not Classified

LABEL ELEMENTS
Not applicable

Hazard Statements
Not applicable

Precautionary Statements
Not applicable

OTHER HAZARDS
Not applicable

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Substance, Mixture or Article? Mixture

Component / CAS No.	%
Nonylphenol ethoxylate 9016-45-9	~1.4
Ammonium hydroxide 1336-21-6	~0.1
5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	<0.001

4. FIRST-AID MEASURES

Emergency telephone number

Poisons Information Centre, New Zealand: 0800 764 766

First-aid Measures

Inhalation:

Remove to fresh air. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Skin Contact:

Wash immediately with plenty of water and soap. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If easy to do, remove any contact lenses.

Ingestion:

Clean mouth with water and drink afterwards plenty of water. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Do NOT induce vomiting.

Most Important Symptoms and Effects, Acute and Delayed

Prolonged contact may cause redness and irritation.

Immediate Medical Attention and Special Treatment

Not applicable.

Notes To Physician:

No specific measures have been identified.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use water spray or fog, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media:

full water jet.

Protective Equipment:

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

HAZCHEM Code: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Ensure adequate ventilation, especially in confined areas.

Methods For Containment:

Prevent further leakage or spillage if safe to do so.

Methods For Cleaning Up:

Take up mechanically, placing in appropriate containers for disposal.

Environmental Precautions:

None known.

References to other sections:

See Sections 7, 8 and 13 for additional information.

7. HANDLING AND STORAGE

Handling

Precautions: Wash hands thoroughly after handling.

Special Handling Statements: Ensure adequate ventilation, especially in confined areas.

Storage

Keep from freezing.

Storage Temperature: Store at 5 - 35 °C

Reason: Quality.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS - Limits

No values have been established.

Biological Exposure Limit(s)

No values have been established.

Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

Respiratory Protection:

For operations where inhalation exposure can occur use an approved respirator. Recommendations are listed below. Other protective respiratory equipment may be used based on user's own risk assessment. Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

Recommended:

Full Face Mask with organic vapor cartridge, Type A filter (BP >65°C)

Eye protection:

Tight sealing safety goggles.

Skin Protection:

Wear suitable protective clothing.

Hand protection:

Wear impermeable gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

Additional Advice:

Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid opaque
Colour:	white
Odor:	sweet
Odor Threshold:	See Section 8 for exposure limits.
Melting Point:	Not available
Boiling Point:	100 °C Approximately
Flammability:	Not available
Flammable Limits (% By Vol):	Not available
Flash point:	No flash up to boiling point.
Autoignition temperature:	Not applicable
Decomposition Temperature:	Not available
pH:	9 - 9.5
Viscosity (Kinematic):	Not applicable
Viscosity (Dynamic):	No information available
Solubility In Water:	Miscible
Solubility In Solvent:	Not available
Partition coefficient (n-octanol/water):	Not available
Vapor Pressure:	23 hPa @ 20 °C
Specific Gravity/Density:	1.01 g/cm ³
Vapour density:	> 1
Particle characteristics:	Not applicable

9.2 OTHER INFORMATION

9.2.1 Information with regard to physical hazard classes

Not applicable

9.2.2 Other safety characteristics

Not applicable

10. STABILITY AND REACTIVITY

Reactivity:	No information available
Stability:	Stable
Conditions To Avoid:	Do not freeze. Protect from heat and direct sunlight.
Polymerization:	Will not occur
Conditions To Avoid:	None known.
Materials To Avoid:	None known
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin, Eyes, Oral.

HEALTH HAZARD INFORMATION

Acute toxicity - oral: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity - dermal: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity - inhalation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Skin corrosion / irritation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Serious eye damage / eye irritation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Respiratory sensitization: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Skin sensitization: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Carcinogenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Germ cell mutagenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Reproductive toxicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Specific target organ toxicity (single exposure): Not Classified. - Based on available data and/or

professional judgment, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

Aspiration hazard: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

PRODUCT TOXICITY INFORMATION

ACUTE TOXICITY DATA

oral	rat	Acute LD50	> 2000	mg/kg
dermal	rabbit	Acute LD50	> 2000	mg/kg
inhalation	rat	Acute LC50	4 hr	> 5 mg/l (Dust/Mist)

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	No data
Acute Irritation	eye	Not irritating

ALLERGIC SENSITIZATION

Sensitization	Skin	No data
Sensitization	respiratory	No data

GENOTOXICITY

Assays for Gene Mutations

Ames Salmonella Assay No data

OTHER INFORMATION

The product toxicity information above has been estimated.

HAZARDOUS INGREDIENT TOXICITY DATA

Nonylphenol ethoxylate has an acute oral LD50 (rat) and acute dermal (rabbit) LD50 value from > 2000 mg/kg. Direct contact with this material may cause moderate eye and skin irritation. Inhalation exposure to vapor is not likely to occur due to the low volatility of this material.

Ammonia vapor can cause respiratory tract and eye irritation. Direct contact with ammonia solutions causes irreversible eye damage, mucous membrane swelling and skin burns. The LC50 in rats by inhalation after 1-hour exposure is 7338 ppm (1.27 mg/L). Single dose oral administration of ammonia solution to rats at 350 mg/kg produced no toxic effects.

3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone, CASRN 55965-84-9, has acute oral (rat) and dermal (rat) LD50 values of 64-66 mg/kg and 87.12 mg/kg respectively. In inhalation studies LC50 values of 0.33 and 0.171 mg/L (dust, mist) were found. Severe corrosive effects to the respiratory tract were considered as a possible root cause for the observed mortality. This material causes eye and skin burns and has a strong potential to cause sensitization by skin contact. Reproductive performance were not affected. In spite of the observed adverse maternal effects, treatment with CIT/MIT did not have any influence on the embryonic and fetal development.

12. ECOLOGICAL INFORMATION

This material is not classified as dangerous for the environment. The ecological assessment for this material is based on an evaluation of its components.

ECOTOXICITY

Not available

BIOACCUMULATIVE POTENTIAL

Not available

PERSISTENCE AND DEGRADABILITY

Not available

MOBILITY IN SOIL

Not available

OTHER ADVERSE EFFECTS**HAZARD TO THE OZONE LAYER**

Not available

HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Fish
Nonylphenol ethoxylate (9016-45-9)	Not available
Ammonium hydroxide (1336-21-6)	LC50 = 8.2 mg/L - Pimephales promelas (96h)
5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone (55965-84-9)	LC50 = 0.19 - 0.22 mg/L - Oncorhynchus mykiss - 96hrs LC50 = 0.09 mg/L - Oncorhynchus mykiss - 14d NOEC = 0.02 - 0.12 mg/L - Pimephales promelas - 36d

Component / CAS No.	Toxicity to Water Flea
Nonylphenol ethoxylate (9016-45-9)	Not available
Ammonium hydroxide (1336-21-6)	EC50 = 0.66 mg/L - Daphnia pulex (48h) EC50 = 0.66 mg/L - water flea (48h)
5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone (55965-84-9)	EC50 = 0.10 - 0.16 mg/L - Daphnia magna - 48hrs NOEC = 0.0036 - 0.10 mg/L - Daphnia magna - 21d

Component / CAS No.	Toxicity to Algae
Nonylphenol ethoxylate (9016-45-9)	Not available

Ammonium hydroxide (1336-21-6)	Not available
5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone (55965-84-9)	EC50 = 0.0052 mg/L - Skeletonema costatum - 48hrs NOEC = 0.00049 mg/L - Skeletonema costatum - 48hrs

Component / CAS No.	Partition coefficient
Nonylphenol ethoxylate (9016-45-9)	Not available
Ammonium hydroxide (1336-21-6)	Not available
5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone (55965-84-9)	log Kow = 2.52

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

Product disposal

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

Packaging disposal

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

Disposal-relevant information

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

Road transport

Dangerous Goods? Not applicable/Not regulated
HAZCHEM Code: Not applicable

IMO

Dangerous Goods? Not applicable/Not regulated

ICAO / IATA

Dangerous Goods? Not applicable/Not regulated

SPECIAL PRECAUTIONS FOR USER

Protect from freezing and protect against external heat sources above +35°C. Protect from direct sunlight.

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question

Ozone Depleting Substances (Regulation (EC) No 1005/2009): Not applicable
Persistent Organic Pollutants (Regulation (EC) No 850/2004): Not applicable

EPA New Zealand HSNO approval code or group standard: Not Classified

Health and Safety at Work Hazardous Substances Regulations 2017**Tracking:**

This product does not require tracking

Certified Handler:

This product does not require a certified handler.

Controlled Substance: This product does not require a Controlled Substance Licence

Inventory Information

New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

Australia: All components of this product are included in the Australian Inventory of Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

United States (USA): All components of this product are designated as "Active" on the TSCA Inventory or are not required to be listed.

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

Japan: One or more components of this product are NOT included on the Japanese (ENCS and/or ISHL) inventories.

Philippines: All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine inventory.

Taiwan: All components of this product are included in the Taiwan chemical substance inventory or are not required to be listed on the Taiwan chemical substance inventory (TCSI).

16. OTHER INFORMATION

Reasons for Issue:

Date Prepared: 26-Mar-2025

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

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