

HANDLING INSTRUCTIONS

A Nautilus Innovation™ Brand

DEKLOC

Commercial Decking Systems

MTCE Wash +

Heavy duty timber washing powder

NI-DK-HAN-001 · Rev 0 · 30 August 2026

This is a handling instruction sheet for evaluation quantities. It is not a safety data sheet. A full safety data sheet is being issued and must be obtained before this product is used in commercial quantities or supplied onward.

1. What this product is

A powdered preparation wash for bare exterior timber, supplied as a concentrate and dissolved in water on site. The working solution is acidic.

Product	Dekloc™ MTCE Wash +
Supplier	Nautilus Innovation Pte Ltd, Singapore
Physical form	Free flowing white powder
Composition	A proprietary blend of organic cleaning compounds, pH buffers and non solvent surfactants
Free from	Bleach, VOCs and corrosives
Working solution	Acidic. Dilute 10 to 12 litres of water per kilogram
Known effects	Irritating to eyes and skin. Avoid breathing dust

2. Personal protection

Required at all times, including while weighing and mixing the powder.

Item	Requirement
Eye protection	Chemical splash goggles. Not ordinary safety glasses
Gloves	Chemical resistant. Nitrile or rubber
Clothing	Long sleeves, long trousers, closed footwear
Respiratory	Avoid breathing dust. Mix outdoors or in a well ventilated area
Eyewash	Clean running water available at the point of use

3. Handling

- Add the powder to water, never water to the powder.
- Stir slowly to limit dust. Do not tip from height.

- Mix only the quantity required for the session.
- Do not eat, drink or smoke while handling.
- Wash hands and any exposed skin after handling.

Do not mix with alkaline products, including mineral silicate treatments and the Patina+ Care Wash. Do not mix with bleach or any other cleaning product. Never share a container, scoop or brush between acidic and alkaline products without cleaning.

4. First aid

Exposure	Action
Eyes	Rinse immediately with clean water for at least 15 minutes, holding the eyelids apart. Seek medical attention
Skin	Remove contaminated clothing. Wash with plenty of water. If irritation persists, seek medical attention
Inhalation of dust	Move to fresh air. If breathing is difficult, seek medical attention
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately
In all cases	Take this sheet with you if medical attention is sought

5. Storage

- Keep in the original sealed container in a dry place.
- The powder is hygroscopic and will cake if exposed to humidity.
- Store out of direct sunlight, between 5 and 30 degrees C.
- Store separately from alkaline products, including mineral silicate treatments and the Patina+ Care Wash.
- Keep out of reach of children and away from foodstuffs.

6. Spillage

- Dry powder: sweep up carefully, avoiding dust. Do not use water first.
- Made up solution: absorb with an inert material, then flush the area with plenty of clean water.
- Do not allow concentrated spillage to enter drains, watercourses, pools or planting.
- Acidic solution will etch aluminium, zinc, galvanised steel and polished stone. Wipe any contact immediately with clean water.

7. Disposal

- Dispose of unused product and containers in accordance with local regulations.
- Rinse empty containers before disposal. Do not reuse for any other purpose.
- Dilute rinse water heavily before discharge, and check local requirements first.

8. Transport

Classification for transport has not yet been formally determined for this product and will be stated in the safety data sheet. Evaluation quantities are supplied in sealed containers within an outer carton. Do not ship onward without the safety data sheet.

9. Before use

- Read the technical data sheet for dilution, coverage and substrate suitability.
- Read the application method statement, which includes the trial panel procedure.
- Always test on a small inconspicuous area before general use.
- Protect adjacent aluminium, zinc, galvanised steel, polished stone, glass and planting.

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HANDLING INSTRUCTIONS

A Nautilus Innovation™ Brand

DEKLOC
Commercial Decking Systems

Brightener

Timber oxidation and weathering restorer

NI-DK-HAN-002 · Rev 0 · 30 August 2026

This is a handling instruction sheet for evaluation quantities. It is not a safety data sheet. A full safety data sheet is being issued and must be obtained before this product is used in commercial quantities or supplied onward.

1. What this product is

A powdered restoration product for bare, weathered exterior timber, supplied as a concentrate and dissolved in water on site. The working solution is acidic and is more concentrated than the MTCE Wash +.

Product	Dekloc™ Brightener
Supplier	Nautilus Innovation Pte Ltd, Singapore
Physical form	Free flowing white powder
Composition	A proprietary blend of organic cleaning compounds, pH buffers and non solvent surfactants, at a higher active concentration than the MTCE Wash +
Free from	Bleach, VOCs and corrosives
Working solution	Acidic. Dilute 10 to 12 litres of water per kilogram
Known effects	Irritating to eyes and skin. Avoid breathing dust

2. Personal protection

Required at all times, including while weighing and mixing the powder.

Item	Requirement
Eye protection	Chemical splash goggles. Not ordinary safety glasses
Gloves	Chemical resistant. Nitrile or rubber
Clothing	Long sleeves, long trousers, closed footwear
Respiratory	Avoid breathing dust. Mix outdoors or in a well ventilated area
Eyewash	Clean running water available at the point of use

3. Handling

- Add the powder to water, never water to the powder.
- Stir slowly to limit dust. Do not tip from height.

- Mix only the quantity required for the session.
- Do not eat, drink or smoke while handling.
- Wash hands and any exposed skin after handling.

Do not mix with alkaline products, including mineral silicate treatments and the Patina+ Care Wash. Do not mix with bleach or any other cleaning product. Never share a container, scoop or brush between acidic and alkaline products without cleaning.

4. First aid

Exposure	Action
Eyes	Rinse immediately with clean water for at least 15 minutes, holding the eyelids apart. Seek medical attention
Skin	Remove contaminated clothing. Wash with plenty of water. If irritation persists, seek medical attention
Inhalation of dust	Move to fresh air. If breathing is difficult, seek medical attention
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately
In all cases	Take this sheet with you if medical attention is sought

5. Storage

- Keep in the original sealed container in a dry place.
- The powder is hygroscopic and will cake if exposed to humidity.
- Store out of direct sunlight, between 5 and 30 degrees C.
- Store separately from alkaline products, including mineral silicate treatments and the Patina+ Care Wash.
- Keep out of reach of children and away from foodstuffs.

6. Spillage

- Dry powder: sweep up carefully, avoiding dust. Do not use water first.
- Made up solution: absorb with an inert material, then flush the area with plenty of clean water.
- Do not allow concentrated spillage to enter drains, watercourses, pools or planting.
- Acidic solution will etch aluminium, zinc, galvanised steel and polished stone. Wipe any contact immediately with clean water.

7. Disposal

- Dispose of unused product and containers in accordance with local regulations.
- Rinse empty containers before disposal. Do not reuse for any other purpose.
- Dilute rinse water heavily before discharge, and check local requirements first.

8. Transport

Classification for transport has not yet been formally determined for this product and will be stated in the safety data sheet. Evaluation quantities are supplied in sealed containers within an outer carton. Do not ship onward without the safety data sheet.

9. Before use

- Read the technical data sheet for dilution, coverage and substrate suitability.
- Read the application method statement, which includes the trial panel procedure.
- Always test on a small inconspicuous area before general use.
- Protect adjacent aluminium, zinc, galvanised steel, polished stone, glass and planting.

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Surface Protection

Single coat mineral silicate timber treatment, ready to use liquid

NI-PP-HAN-002 · Rev 0 · 30 August 2026

This is a handling instruction sheet for evaluation quantities. It is not a safety data sheet. A full safety data sheet is being issued and must be obtained before this product is used in commercial quantities or supplied onward.

1. What this product is

A water borne mineral silicate treatment for exterior timber, supplied ready to use. It penetrates the fibre and forms a mineralised barrier that improves durability and weathering resistance. The product is alkaline.

Product	Patina+ Surface Protection
Supplier	Nautilus Innovation Pte Ltd, Singapore
Physical form	Clear liquid, mild pine odour
Composition	A water borne blend of soluble silicates, silica, organic acids, inorganic ions and natural botanical oil
Free from	Heavy metals, toxic biocides, olive and vegetable oils
Dilution	None. Supplied ready to use
pH	Alkaline
Known effects	Irritating to eyes and skin. Avoid breathing vapour

2. Personal protection

Required at all times, including while decanting.

Item	Requirement
Eye protection	Safety glasses, goggles or face visor where there is a splash risk
Gloves	Chemical resistant. Nitrile or rubber
Clothing	Chemical resistant overalls or apron. Long sleeves and closed footwear
Respiratory	Avoid inhaling vapour. Apply in a ventilated area
Eyewash	Clean running water available at the point of use

3. Handling

- Do not dilute. Stir gently before use. Do not shake.

- Decant only the quantity required for the session.
- Do not decant into aluminium, zinc, tin, lead or glass containers. HDPE or stainless steel only.
- Avoid contact with skin and eyes and avoid inhaling vapour.
- Do not eat, drink or smoke while handling.
- Wash hands and any exposed skin after handling.

Do not mix directly with concentrated acids, including the Dekloc range. Do not mix with any other product. Never share a container, brush or roller between this product and an acidic product without cleaning.

4. First aid

Exposure	Action
Eyes	Remove contact lenses. Flush with clean running water for at least 15 minutes. Seek medical attention
Skin	Remove contaminated clothing. Rinse with plenty of water. Do not use solvents
Inhalation	Move to fresh air. Seek medical attention if irritation persists
Ingestion	Rinse mouth thoroughly with water. Drink plenty of fresh water. Do not drink acidic beverages. Do not induce vomiting. Contact a physician if symptoms persist
In all cases	Take this sheet with you if medical attention is sought

5. Storage

- Keep in the original tightly closed container.
- Store between 10 and 30 degrees C, out of direct sunlight.
- Do NOT store in containers made of aluminium, zinc, tin, lead or glass.
- Store separately from acidic products, including the Dekloc range, and away from strong acids generally.
- Keep out of reach of children and away from foodstuffs.

6. Spillage

- Absorb with an inert material such as vermiculite, dry sand or earth.
- Collect into a labelled container for disposal.
- Do not flush into surface water or sanitary sewer systems.
- Alkaline liquid can dull aluminium and etch glass if allowed to dry. Rinse any contact immediately with clean water and a wet cloth.

7. Disposal

- Dispose of unused product and containers in accordance with local regulations.
- Rinse empty containers before disposal. Do not reuse for any other purpose.
- Dilute rinse water heavily before discharge, and check local requirements first.

8. Transport

Not classified as a hazardous substance under transport regulations, ADR, RID, IMDG, ICAO and IATA. Transport upright in tightly sealed containers.

9. Before use

- Read the technical data sheet for coverage, substrate suitability and application conditions.
- Read the application method statement, which includes the trial panel procedure.
- Always test on a small inconspicuous area before general use.
- Protect adjacent aluminium, zinc, galvanised steel, polished stone, glass and planting.

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Care Wash

Alkaline cleaner for mineral silicate treated timber

NI-PP-HAN-001 · Rev 0 · 30 August 2026

This is a handling instruction sheet for evaluation quantities. It is not a safety data sheet. A full safety data sheet is being issued and must be obtained before this product is used in commercial quantities or supplied onward.

1. What this product is

A powdered cleaner for mineral silicate treated exterior timber, supplied as a concentrate and dissolved in water on site. The working solution is alkaline.

Product	Patina+ Care Wash
Supplier	Nautilus Innovation Pte Ltd, Singapore
Physical form	Free flowing white powder
Composition	Mineral silicate builders, alkaline salts and surfactants
Contains no	Acid, chlorine bleach or percarbonate
Working solution	Alkaline. Dilute 20 litres of water per kilogram
Known effects	Irritating to eyes and skin. Avoid breathing dust

2. Personal protection

Required at all times, including while weighing and mixing the powder.

Item	Requirement
Eye protection	Chemical splash goggles. Not ordinary safety glasses
Gloves	Chemical resistant. Nitrile or rubber
Clothing	Long sleeves, long trousers, closed footwear
Respiratory	Avoid breathing dust. Mix outdoors or in a well ventilated area
Eyewash	Clean running water available at the point of use

3. Handling

- Add the powder to water, never water to the powder.
- Stir slowly to limit dust. Do not tip from height.
- Mix only the quantity required for the session.

- Do not eat, drink or smoke while handling.
- Wash hands and any exposed skin after handling.

Do not mix with acidic products, including the Dekloc range. Do not mix with bleach or any other cleaning product. Never share a container, scoop or brush between alkaline and acidic products without cleaning.

4. First aid

Exposure	Action
Eyes	Rinse immediately with clean water for at least 15 minutes, holding the eyelids apart. Seek medical attention
Skin	Remove contaminated clothing. Wash with plenty of water. If irritation persists, seek medical attention
Inhalation of dust	Move to fresh air. If breathing is difficult, seek medical attention
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately
In all cases	Take this sheet with you if medical attention is sought

5. Storage

- Keep in the original sealed container in a dry place.
- The powder is hygroscopic and will cake if exposed to humidity.
- Store out of direct sunlight, between 5 and 30 degrees C.
- Store separately from acidic products, including the Dekloc range.
- Keep out of reach of children and away from foodstuffs.

6. Spillage

- Dry powder: sweep up carefully, avoiding dust. Do not use water first.
- Made up solution: absorb with an inert material, then flush the area with plenty of clean water.
- Do not allow concentrated spillage to enter drains, watercourses, pools or planting.
- Alkaline solution can dull aluminium and etch glass if allowed to dry. Rinse any contact immediately with clean water.

7. Disposal

- Dispose of unused product and containers in accordance with local regulations.
- Rinse empty containers before disposal. Do not reuse for any other purpose.
- Dilute rinse water heavily before discharge, and check local requirements first.

8. Transport

Classification for transport has not yet been formally determined for this product and will be stated in the safety data sheet. Evaluation quantities are supplied in sealed containers within an outer carton. Do not ship onward without the safety data sheet.

9. Before use

- Read the technical data sheet for dilution, coverage and substrate suitability.
- Read the application method statement, which includes the trial panel procedure.
- Always test on a small inconspicuous area before general use.
- Protect adjacent aluminium, zinc, galvanised steel, polished stone, glass and planting.

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