

GET RESULTS

Clean HVACs/Split Units, Consols
& Cassettes with . . .

in 30 to 35 Minutes



For AHUs. Chillers

Consols. Cassettes
HVACs. Splits

Rinse-off for
All Products

General Use

GREEN

Dust/Mould
Dirt/Bacteria
Grime/Fungi
Coal Dust (dry)
Sea Salt

Bluchem Safe
Energy Saving
Non-Corrosive
Removes Rust
Extends Coil Life
Protective Film

Alkaline D

Oil/Mould
Grease/Bacteria
Cooking Fat/Fungi
Coal Dust (oil)
Jet Fuel

Diesel Particles
Bluchem Safe
Energy Saving
Non-Corrosive
Removes Rust
Extends Coil Life
Protective Film

Smart Air D

Cleans HVACs/Splits
Removes Mould/Bacteria
Cleans on Wall
No Mess
No Tap Water Needed
Economical
Bluchem Safe
Energy Saving
Non-Corrosive
Cleans Barrel Fans
Extends Coil Life
Cleans Filters

Smart Finish

Penetrating Rinse-off
Eliminates Tap Water
Hospital Safe
Reduce Cleaning Time
Economical
Bluchem Safe
Energy Saving
Non-Corrosive
Fresh Fragrance
Extends Coil Life
Safe on Barrel Fans
Safe On Filters

Bio Degreaser

Water-Based
Non Flammable
Car Engines
Motors
Greasy Floor Tiles
Hotel Kitchens
Car Park Floors
Machinery
Escalator Steps
Oil Stains
Shopping Mall Tiles
Non-Carcinogenic



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We Care

GO GREEN
with

www.o3chemicals.co.za





Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Name **ALKALINE “D” COIL CLEANER**

Manufacturer **Avondale Marketing Pty Ltd**
Northgate Road,
Atlantis Foundry Business Park
Atlantis
Cape Town

In case of emergency **021 553 2798**

Section 2. Hazards Identification

Physical State Liquid

Color Clear Yellow

Emergency Overview May cause skin irritation. May be harmful if swallowed.
May cause eye irritation. Avoid contact with eyes, skin and clothing. Do not ingest. Wash thoroughly with plenty of water after handling.

Routes of Entry Absorbed through skin.
Dermal contact. Eye contact.
See Toxicological Information (section 11)

Section 3. Composition/Information on Ingredients

Name	Cas#	% by Weight
Sodium Hydroxide	1310-73-2	1 - 10
Water	7732-18-5	60 - 90
Surfactants	proprietary	1 – 10

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, Immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact In case of contact, immediately flush skin with plenty of water for at Least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or

Medical conditions	waistband.
Aggravated by	Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged
Overexposure	exposure to spray mist may produce respiratory tract irritation.

Section 5. Fire Fighting Measures

Flammability of the Product	Not applicable
Flash Points	Not applicable
Products of Combustion	None known
Fire Fighting Media and Instructions	Small Fire : Use DRY chemical powder. Large Fire : Use water spray, fog or foam. Do not use water jet.
Protective Clothing (Fire)	Be sure to use an approved/certified respirator or equivalent.

Section 6. Accidental Release Measures

Small Spill and Leak	Dilute with water and mop up, or absorb with an inert dry material and place in an Appropriate waste disposal container. If necessary: Use suitable protective equipment (Section 8) . Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill and Leak	Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Eliminate all ignition sources. Call for assistance on disposal. Use suitable protective equipment (Section 8) . Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not ingest. Wash thoroughly with plenty of water after handling.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station locations.
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Personal Protection	
Eyes	Face shield
Body	Full suit
Respiratory	Wear appropriate respirator when ventilation is inadequate
Hands	Gloves
Feet	Boots

Protective Clothing
(Pictograms)



Personal Protection in Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear, Yellow
pH (10%)	11 - 13
Boiling/Condensation Point	N.A.
Melting/Freezing Point	N.A.
Pour Point	N.A.
Density	1.08 g/cm ³
Vapor Pressure	N.A.
Evaporation Rate	N.A.
Solubility	Easily soluble in cold water and hot water

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable
Incompatibility with various Substances	Avoid OXIDIZING AGENTS, strong acid, etc....
Hazardous Decomposition Products	None Known
Hazardous Polymerization	Will not occur

Section 11. Toxicological Information

Toxicity to Animals

Ingredients Name or Product Name	Test	Result	Route	Species
Sodium Hydroxide	LD50	4090 mg/kg	Oral	Rat

Chronic Effects on Humans

None known

Acute Effects Skin

Severely irritating to the skin

Acute Effects Eyes

Moderately irritating to the eyes

Section 12. Ecological Information

Ecotoxicity

No information available

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.
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Section 14. Transport Information

This product is not regulated for Sea/Road/Rail and Air Transportation.

Section 15. Regulatory Information

Classification and labeling of the product as delivered according to the Europe Dangerous Preparation Directive 1999/45/EC.

SYMBOL(S)	:	C Xi	Corrosive Irritants
R-PHRASES	:	R34 R36 R37 R38 R41	Causes Burns Irritating to eyes Irritating to respiratory system Irritating to skin Risk of serious damage to eyes
S-PHRASES	:	(S 1 / 2) S26 S36 S39 S45	Keep locked up and out of the reach of children In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Wear suitable protective clothing Wear eye/face protection In case of accident or if you feel unwell seek medical advice immediately .

Section 16. Other Information

NONE

Validated By : Safety Officer
Print Date : 15-1-2026

Notice to Reader

The information in the material safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions or as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any licence under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purpose, including mixing with other products. The information contained herein supersedes all previously issued bulletins on the subject matter covered. If the date on this document is more than five years old, call to make certain that this sheet is current.