

PRODUCT DATA SHEET

Product Name: Hygiene HVAC-R Coil & Machine Cleaner Concentrate
Pack Size: 1L 5L 15L
SKU: 630-030 630-031 630-032



Description:

- Specially formulated for the sanitisation of coils & filters in air conditioning systems.
- Non-corrosive formula, extending life of HVAC components.
- Safe to use on plastic piping (PVC), ceramics, chrome & brass.
- As it comes into contact with microbes & mould, on surfaces & in the air, the germ dies as it stops the bacteria from reproducing & it stops the mould from receiving oxygen, preventing growth & reproduction.
- Bottled as a concentrate, it must be mixed with purified water as per directions for use.
- The diluted solution is applied directly with a spray bottle or clean cloth.
- The formulation uses identical actives as the TGA listed Commercial Grade Disinfectant, proven to work against pathogens including SARS CoV-2 virus.
- Can be used as a component of compliance required by:
 - AS/NZS 3666 Air-handling & Water Systems of Buildings - Microbial Control Parts 1 to 4.

Applications:

- Cleaning & sanitising air conditioning systems & air handlers.

Storage:

Shelf Life: 2 years after manufacture when stored between 19 - 30°C.

Ingredients:

SAN-AIR proprietary essential oils & purified water.
NO petroleum based ingredients.

Directions for use:

- Turn air conditioner off.
- Protect surfaces outside the unit using a cloth or plastic sheeting.
- Shake bottle well before opening.
- Add 20ml/Litre of purified water into a cleaing applicator.
- For heavy mould contamination, increase concentration up to 100ml/Litre of purified water.
- Apply product to cover coils & surfaces; allow to stand for up to 15 minutes.
- Rinse off with clean water.
- For extra protection, add 5ml/Litre of purified water & spray surfaces lightly.
- Turn on air conditioner.

Validations:

- Actives certified food safe
- Actives validated by Eurofins
- Kills 99.9% of fungicidal & sporacidal activity

Features & Benefits:

- Easy to use & fast acting
- Long lasting & cost effective
- Anti-mould & anti-bacterial
- Independantly tested & validated
- Improved air quality
- Non-allergenic
- Safe to breathe, safe to touch
- Biodegradable & sustainable
- NO harsh chemicals
- NO damage to property
- Pet & plant friendly



MICROBIAL CONTROL TECHNOLOGY

SAN-AIR™ is a Microbial Control Technology, independently validated to reduce fungal and bacterial bio-burden levels within indoor environments. Formulated with over 20 plant actives, SAN-AIR is 100% safe for humans, animals and the environment.

Scientific breakthrough in natural organic chemistry

Created through extensive research and development, the technology capitalises on the relationship between nature and science to effectively neutralise and control airborne and surface contamination without the use of toxic chemicals.

Natural air and surface purification

An average person spends almost 90% of their time indoors. High levels of indoor bio-burden have been linked to many severe health conditions. SAN-AIR decreases the indoor bio-burden to levels well below current Australian standards for indoor air:

- Less than 150 colonies of mould per 1000 litres
- Less than 1000 colonies of bacteria per 1000 litres

100% plant actives

SAN-AIR is made with a proprietary mix of selected Australian organic essential oils, carefully blended to deliver powerful microbial reduction properties at very low dosage. All of these actives have specific effects on microbial life and strict controls are utilised to maximise their effect whilst safeguarding their relationship with each other.

Fast-acting impact on microbes

Viruses host in bacteria; bacteria and mould host on particulate matter, such as dust particles and pollen, either in the air or on surfaces. Upon contact, SAN-AIR will cause the germ to die by stopping bacteria from reproducing and mould from receiving oxygen, eliminating their ability to grow, multiply, spread and infect other parts of the indoor environment. By killing the bacteria, SAN-AIR also causes the viruses to die.

Long lasting protection

Once SAN-AIR removes the infestation and the space has been cleaned, the product continues working to prevent new infestations from appearing. The SAN-AIR Technology offers a complete solution, from the removal bacteria and mould to continued lasting protection.

Independently tested and validated

using the highest level of test methodologies currently available

EUROFINS | AMS (TGA Licence No: MI-15112007-LI-002191-11 APVMA Licence No: 6139)

- SAN-AIR V3R Liquid - passed TGA COVID-19 test - 99.995% kill on contact
- SAN-AIR V3R Gel - passed TGA COVID-19 test - 99.995% kill in 10 minutes
In accordance with Therapeutic Goods Administration (TGA) protocols for COVID-19 efficacy claims, SAN-AIR gels and liquids were tested by a NATA accredited laboratory against the Murine Hepatitis Virus (MHV-1) as a surrogate virus for COVID-19.
- SAN-AIR Liquid passed the TGA Disinfectant Test, Option A, B and C
SAN-AIR liquid is classified as a household & commercial grade disinfectant. The only proven disinfectant that contains 100% natural actives and has no harsh chemicals.
- SAN-AIR Gel kills 99% airborne bacteria, fungus, mould and spores
SAN-AIR gel was shown to come into contact with 55% of airborne particles every hour, killing any bacteria or mould travelling on that particle. After 24 hours, the result demonstrated a microbiologically safer indoor environment. Within 24-48 hours, the indoor environment showed a remarkable reduction in airborne contaminants.

UNISEARCH EXPERT OPINION SERVICES – UNSW GLOBAL AUSTRALIA

Test Organism (using TGA Option C Test)	SAN-AIR GEL KILL-RATES (%)	
	Contact Time	
	5 minutes	30 minutes
Escherichia coli (ATCC 8196)	99.999	99.999
Staphylococcus aureus (ATCC 4163)	99.954	99.978
Listeria monocytogenes (UNSW 030800)	99.999	99.999
Micrococcus luteus (NCTC 7743)	76.390	95.921

CHEMSIL

- SAN-AIR kills 99% for fungicidal activity and 99% for sporicidal activity
In accordance with TGA protocols, SAN-AIR was tested against representative mould species to determine efficacy against fungus and fungal spores (which are more difficult to kill than fungus).

