

Advanced antimicrobial defence for your surfaces



# DISINFECTANT & PROTECTANT





# Traditional disinfectants are only doing half the job.

While they may kill what's on the surface, they do absolutely nothing to defend against what is to come. Most disinfectant products evaporate after a short period of time, leaving surfaces vulnerable to recontamination, meaning that no matter how frequent your cleaning cycle is, it's impossible to keep up with recontamination.









# INTRODUCING SIQURA™ eXtend **ADVANCED ANTIMICROBIAL DEFENCE FOR** YOUR SURFACE

Designed with our world leading QuatLock™ technology SIQURA™ eXtend Hospital Grade Disinfectant & Protectant is a three-in-one solution.

It cleans, kills microorganisms and then locks on to create a self-sanitising surface that continues to defend against bacterial attack.

**SIQURA™ eXtend** offers 24hrs of active defence on surfaces. It kills 99.999% of bacteria and is effective against viruses\* including COVID-19.

\*SIQURATM eXtend Hospital Grade Surface Disinfectant & Protectant wipes are a hard surface cleaner disinfectant effective on dirty surfaces against a broad range of bacteria including Staphylococcus aureus, Enterococcus hirae, Escherichia coli, Pseudomonas aeruginosa, Salmonella choleraesuis, Salmonella typhimurium, yeasts including Candida albicans, and viruses such as Human Rotavirus, Influenza A H1N1, Human Coronavirus E229, SARS-CoV2 including COVID-19, Human Respiratory Syncytial Virus (RSV), Vaccinia virus, Monkeypox virus, Feline Calicivirus and Norovirus Sub.

\*SIQURA™ eXtend Hospital Grade Surface Disinfectant & Protectant wipes form a protective polymer that kills up to 99.9% of bacteria and viruses like Influenza A H1N1, Vaccinia virus and Monkeypox virus for up to 24 hours and bacteriostatic activity for up to seven days.



# SIQURATM eXtend DISINFECTANT & PROTECTANT



Quatlock™ Advanced Antimicrobials

#### **BONDS TO SURFACES FOR ACTIVE PROTECTION**

**SIQURA™ eXtend** remains bonded to create a self-sanitising surface that continues to defend against bacterial for up to 7 Days



Up to 24 hrs protection

#### CLEAN, DESTROY & DEFEND — THREE-IN-ONE ACTION

**SIQURA™ eXtend** can be used to clean and disinfect a surface —when you spray or wipe onto a surface it immediately starts destroying bacteria. As it dries, our unique QuatLock™ technology is deployed and the antimicrobial component (in science terms: the "Quat") gets locked into place to form an invisible but powerful active disinfectant that keeps on defending the surface.



Kills 99.99% bacteria and viruses\*

#### **EFFECTIVE AGAINST 99.999% BACTERIA & VIRUSES\***

\*SIQURA™ eXtend Hospital Grade Surface Disinfectant & Protectant wipes are a hard surface cleaner disinfectant effective on dirty surfaces against a broad range of bacteria including Staphylococcus aureus, Enterococcus hirae, Escherichia coli, Pseudomonas aeruginosa, Salmonella choleraesuis, Salmonella typhimurium, yeasts including Candida albicans, and viruses such as Human Rotavirus, Influenza A H1N1, Human Coronavirus E229, SARS-CoV2 including COVID-19, Human Respiratory Syncytial Virus (RSV), Vaccinia virus, Monkeypox virus, Feline Calicivirus and Norovirus Sub.



Easy-to-use rapid action

Bonds to most surfaces

\*SIQURA™ eXtend Hospital Grade Surface Disinfectant & Protectant wipes form a protective polymer that kills up to 99.9% of bacteria and viruses like Influenza A H1N1, Vaccinia virus and Monkeypox virus for up to 24 hours and bacteriostatic activity for up to seven days.

### **FRIENDLY FOR EVERYONE**

**SIQURA™ eXtend** is non-flammable, easy to use and suitable for use on many applications including healthcare, childcare, education, commercial and domestic environments.

It contains no chlorines, bleaches, carcinogenic or endocrine disruptive compounds, and is nonoxidative.

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**Solvent-free** 



**Non-oxidative** 



**No chlorine** 



Non-flammable



No bleaches



**Bio-friendly** 



No carcinogens

# **SUITABLE FOR A RANGE**OF SURFACES

**SIQURA™ eXtend** can be used on a wide range of surfaces including:

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**Plastic** 



**Aluminum** 



Laminates



Steel



Wood



**Furniture / Textiles** 

# **DURABLE THROUGH HIGH**TOUCH ACTIVITY

**SIQURA™ eXtend** is long-lasting and can withstand normal daily activity even in high-touch areas.



**Door Handles** 



**Counters** 



Seats



**Benchtops** 



#### **APPLICATIONS**

#### **VERSATILE USE**

**SIQURA™ eXtend** is a versatile product suitable for use in healthcare, childcare, education, commercial and domestic environments. It has been designed to be easily integrated into existing cleaning protocols to support a holistic infection control strategy.



#### POTENTIAL APPLICATIONS INCLUDE



#### **HEALTHCARE**

Hospitals, GP Clinics, Allied Health Practices, Residential Care.

#### **APPLICATIONS:**

Surfaces & Fixtures **Nurses Stations** Patient Transport Waiting / Staff Rooms



#### **EDUCATION**

Childcare, Schools, **Universities, Vocational** Training Facilities.

#### **APPLICATIONS:**

Desks & Chairs Surfaces & Fixtures Childcare Toys & Equipment General Equipment (Sports, IT, training)



#### **HOSPITALITY**

Restaurants, Cafes, **Kitchens, Food Courts,** Hotels.

#### **APPLICATIONS:**

Tables & Chairs Counters & Bars Food Prep Areas Surfaces & Fixtures Bathrooms



#### **PUBLIC TRANSPORT**

Trains, Trams, Buses, **Taxis & Ride Share** Services.

#### **APPLICATIONS:**

Doors & Buttons Seats & Handles **Driver Cabins Driving Equipment** 



#### **VEHICLES & TRANSPORT**

Trucks, Vans, Passenger Vehicles.

#### **APPLICATIONS:**

Doors & handles Steering Wheels Equipment Driver Cabin



#### **MANUFACTURING**

**Factories. Distribution** Centres, Manufacturing Plants.

#### **APPLICATIONS:**

**Shared Equipment** Surfaces & Fixtures Staff Rooms Desks & Chairs



#### **RETAIL**

**Shopping Centres,** Supermarkets, Boutique **Stores, Food Courts.** 

#### **APPLICATIONS:**

**Counter Tops Eftpos Machines** Bathrooms Change Rooms Staff Rooms



#### COMMERCIAL & OFFICES

Offices, Call Centres, Kitchen, Bathroom, Waiting Rooms.

#### **APPLICATIONS:**

Door Handles & Fixtures Furniture Floors Benchtops

## HOW DO YOU USE SIQURA™ eXtend **DISINFECTANT & PROTECTANT?**

#### IT'S AS EASY AS 1-2-3

**SIQURA™ eXtend** is pre-mixed and ready to use. It designed to be used undiluted — do not mix with detergents or other chemicals.













- Ensure the surface is clean and dry. Shake well and hold **SIQURA™ eXtend** about 200mm from the surface. Spray and wipe the entire surface making sure it is completely covered.
- Allow to air-dry. Do not wipe surface as this will remove the coating before it's had a chance to bond. Once dry, the antibacterial active is locked onto the surface.
- Surface is now secured and will defend against bacterial contamination for up to 24hrs. For fabric application: spray on fabric until damp and allow to dry completely. Reapply during your next cleaning cycle.

# ONCE APPLIED SIQURA™ **EXTEND ACTIVELY DEFENDS** A SURFACE:

- **Up to 24hrs Surface Defence**
- **Quatlock does not leave (leach from)** treated surface
- **Quatlock does not promote microbial resistance**



#### **EFFECTIVENESS & QUALITY**

#### HIGHLY EFFECTIVE RAPID ACTION

**SIQURA™ eXtend** will kill 99.999% bacteria that comes it's way. It is effective against a broad range of bacteria and viruses including:

effective

against COVID-19

- **Human Coronavirus**
- Rotavirus
- Human Respiratory Virus (RSV)
- Influenza Virus
- **Vaccinia Virus**
- Monkeypox Virus
- Feline Calicivirus
- Norovirus
- Staphylococcus aureus
- **Enterococcus hirae**
- **Escherichia coli**
- Pseudomonas aeruginosa
- Salmonella choleraesuis

Please refer to our testing data for a comprehensive list of tests and effectiveness results.

#### **LISTING & REGULATIONS**

**SIQURA™ eXtend** has been rigorously tested and has met numerous standards both within Australia and Internationally.

SIQURA™ eXtend is listed on the ARTG (Australian Register of Therapeutic Goods) as a hard surface disinfectant that forms a protective polymer to provide residual bacteriostatic efficacy on surfaces for up to 30 days.

**SIQURA™ eXtend** meets or exceeds the following:

**RSS Method** - Residual Self Sanitization Test - 24hrs

**BSI PAS 242**4 - Residual Antimicrobial Test - 24hrs

**EN 1276** Bactericidal Suspension Test

**EN 1650** Yeasticidal Suspension Test

**EN 13697** Bactericidal and Yeasticidial Surface Test

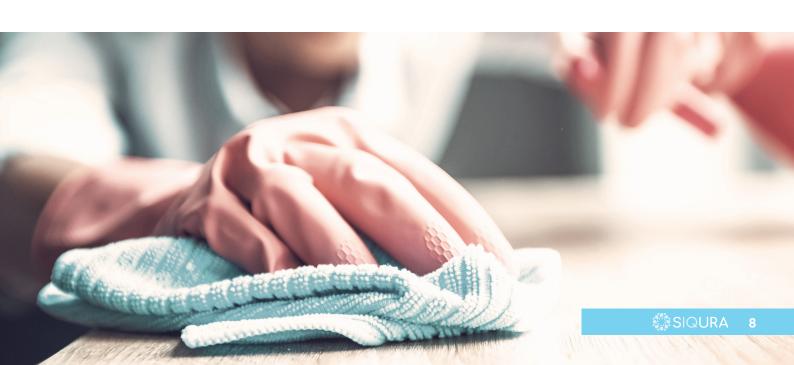
**EN 14476** Viricidal Suspension Test

**AOAC UDT/GST** Broad Spectrum Disinfectant Test

**ASTM E1153** Non Food Contact Sanitizer Test

**ASTM 1053** Viricidal Surface Test

**ASTM D4488** Cleaning Performance



# **LONG LASTING PROTOCOLS**

CRITERIA PROTOCOLS	US REGULATED STANDARD EPA RSS TEST	AUSTRALIAN / EU / BRITISH REGULATED STANDARD PAS 2424	
Claims	24 hours	24 Hours	
Abrasions	24 (Wet and Dry)	24 (Wet and Dry)	
Weight Applied	1kg	0.2kg	
Recontaminations	7 Recontaminations	7 Recontaminations	
Final Inoculation	5 Re-inoculations: ~ 1 x 10 <sup>2</sup> cfu/carrier Final: >1 x 10 <sup>6</sup> cfu/carrier	5 Re-inoculations: ~ 1 x 10 <sup>4</sup> cfu/carrier Final: ~ 1 x 10 <sup>6</sup> cfu/carrier	
Pass Criteria	Sanitisation ≥ 99.9% 5 minutes Disinfection ≥ 99.999% 10 minutes	Sanitisation ≥ 99.9% 5 minutes	
Microorganisms	Staphylococcus aureus Klebsiella pneumoniae Enterobacter aerogenes Pseudomonas	Pseudomonas aeruginosa Escherichia coli Staphylococcus aureus Enterococcus hirae Candida albicans	
Conclusions	Demonstrates biocidal product efficacy in real world environments		

#### **ASTM D4488 CLEANING PERFORMANCE:**

Soil removal meets or exceeds best in class products using established international standards.

ASTM D4488 is a standard method for testing the cleaning performance of products that is international recognised. Applicable to all multipurpose household cleaners and industrial / institutional cleaners.





# **TEST DATA**

METHOD	ORGANISM	ORGANISM	CONTACT
METHOD	TYPE	ORGANISM	TIME
ASTM E1152	Bacterial	S. aureus ATCC 6538	60 sec
ASTM E1152	Bacterial	K. pneumoniae	60 sec
ASTM E1153	Bacterial	A. baumannii	60 sec
ASTM E1153	Bacterial	P. aeruginosa ATCC 15442	60 sec
ASTM E1153	Bacterial	E. hirae ATCC 10541	60 sec
ASTM E1153	Bacterial	E. coli ATCC 10536	60 sec
AOAC	Bacterial	Salmonella	5 min
AOAC	Bacterial	P.aerogenes	5 min
AOAC	Bacterial	S. aureus ATCC 6538	5 min
EN 1276	Bacterial	S. aureus ATCC 6538	5 min
EN 1276	Bacterial	P. aeruginosa ATCC 15442	5 min
EN 1276	Bacterial	E. coli ATCC 10536	5 min
EN 1276	Bacterial	E. hirae ATCC 10541	5 min
EN 13697	Bacterial	E. coli ATCC 10536	5 min
EN 13697	Bacterial	E. hirae ATCC 10541	5 min
EN 13697	Bacterial	P. aeruginosa ATCC 15442	5 min
EN 13697	Bacterial	S. aureus ATCC 6538	5 min
ASTM 1053	Virucidal - Non Enveloped	Small: Norovirus Sub.	10 min
ASTM 1053	Virucidal - Non Enveloped	Large: Rotavirus	5 min
ASTM 1053	Virucidal - Enveloped	H1N1	5 min
ASTM 1053	Virucidal - Enveloped	Human Coronavirus 229E	5 min
ASTM 1053	Virucidal - Enveloped	Respiratory Syncytial Virus	5 min
ASTM 1053	Virucidal - Enveloped	Sars-CoV2-	5 min
EN 13697	Yeasticidial	C. albicans ATCC 10231	10 min
US -RSS	Bacterial	Enterobacter aerogenes	5 min
US -RSS	Bacterial	Staphylococcus aureus	5 min
US -RSS	Bacterial	Klebsiella aerogenes	5 min
US -RSS	Bacterial	S. aureus ATCC 6538 MRSA	5 min
US -RSS	Bacterial	E. coli ATCC 10536	5 min
US -RSS	Bacterial	E. faecalis VRE	5 min
EN 14476	Virucidal - Enveloped	Modidied Vaccinia Virus Ankara (MVA)	5 min
EN 14476	Virucidal - Enveloped	Feline Coronavirus	5 min
EN 14476	Virucidal - Enveloped	H1N1	5 min
EN 14476	Virucidal - Enveloped	Respiratory Syncytial Virus	5 min
EN 14476	Virucidal - Enveloped	Sars-CoV2-	5 min
EN 16777	Virucidal - Enveloped	Vaccinia (Ankara)	5 min
EN 16777	Virucidal - Enveloped	H1N1	5 min
EN 16777	Virucidal - Enveloped	Sars-CoV2-	5 min
EN 13697	Yeasticidial	C. albicans ATCC 10231	10 min
EN 1650	Yeasticidial	C. albicans ATCC 10231	10 min
BSI PAS 2424	Virucidal - Enveloped	H1N1	5 min
BSI PAS 2424	Virucidal - Enveloped	Vaccinia (Ankara)	5 min
BSI PAS 2424	Bacterial	E. coli ATCC 10536	5 min
BSI PAS 2424	Bacterial	S. aureus ATCC 6538 MRSA	5 min

## SIQURA™ eXtend CORROSION TESTING

# CONCERNED ABOUT CORROSION? WORRY NOT!

# WE HAVE TAKEN RIGOROUS MEASURES TO ENSURE THE CORROSION-RESISTANT QUALITY OF SIQURA™ eXtend.

Our confidence stems from rigorous testing conducted in collaboration with industry experts who possess comprehensive knowledge of corrosion's ramifications - Aircraft Manufacturers. Why Aircraft Manufacturers, you may wonder? These professionals depend on products that safeguard their aircraft's structural integrity by preventing corrosion in vital components.

We posed a challenge to them to subject our formulation to the most demanding evaluation protocols.

The outcome? After undergoing stringent testing procedures, **SIQURA™ eXtend** has been conclusively demonstrated not to induce corrosion. Consequently, your surfaces, furniture, equipment, and surroundings can remain pristine, secure, and safeguarded when treated with **SIQURA™ eXtend**.

Place your trust in this innovation, validated and endorsed by the foremost authorities in the field.

TEST NUMBER	TEST	RESULTS
BSS 5.1 7434	Corrosion (Sandwich)	Conforms (Pass)
BSS 5.2 7434	Corrosion (Immersion)	Conforms (Pass)
BSS 5.3 7434	Rubber	Conforms (Pass)
BSS 5.4 7434	Sealant	Conforms (Pass)
BSS 5.5 7434	Painted Surface	Conforms (Pass)
BSS 7434 5.6	Tedlar Surface	Conforms (Pass)
BSS 5.7 7434	Vinyl Surface	Conforms (Pass)
BSS 5.8 7434	Fabric and Carpet	Conforms (Pass)
BSS 5.9 7434	Leather and Naugahyde	Conforms (Pass)
BSS 5.10 7434	Flash Point	Conforms (Pass)
BSS 5.11 7434	Polycarbonate Crazing	Conforms (Pass)



## SIQURA™ eXtend **CORROSION TESTING** DETAIL

#### **5.1 SANDWICH CORROSION TEST**

Corrosion in excess of that on the control panel constitutes failure when tested in accordance with the procedures section for sandwich corrosion in BSS7 434

	CLAD 7075-T6 ALUMINIUM (AMS 4d49)	BARE 7075-T6 (AMS-QQ-A-250/12) ANODIZED PER MIL-A-8625 TYPE I (With dichromate seal)
Product (As received)	1	1
Control (DI Water)	1	1

**Result: CONFORMS (PASS)** 

#### **5.2 IMMERSION CORROSION TEST**

The average weight change of each test specimen shall not exceed ± 10 mg in a 24-hour immersion period when tested in accordance with the procedures section for immersion corrosion in BSS7434.

	PRODUCT (AS RECEIVED) (Loss per 1" x 2" panel)
Clad 2024-T3 aluminium (AMS-QQ-A-250/5)	< 1.0 mg
Bare 2024-T3 aluminium (AMS-QQ-A-250/4) alodined per MIL-C-5541	1.0 mg
Bare 2024-T3 aluminium (AMS-QQ-A-250/4) anodized per MIL-A-8625 Type I	1.6 mg
Bare 7178-T6 aluminium (AMS-QQ-A-250/14) anodized per MIL-A-8625 Type I	1.0 mg

**Result: CONFORMS (PASS)** 

#### **5.2 IMMERSION CORROSION TEST**

Changes in properties must not exceed the following, when tested in accordance with the procedures section for rubber test in BSS7434.

24 hour immersion at room temperature.

PROPERTY RUBBER: BMS1-72	MAX. CHANGE ALLOWED	PRODUCT (AS RECEIVED)
Tensile Strength	25 % loss	<%10
Elongation	25 % loss	<%10
Volume	± 15% change	<%5

**Result: CONFORMS (PASS)** 

#### **5.4 SEALANT TEST**

The sealant must not lift at the edges or lose adhesion when tested in accordance with the procedures section for sealant test in BSS7434

- Sealant: BMS 5-95 Water control: No lifting or loss of adhesion when pried away from edge
- **Product (As Received):** No lifting or loss of adhesion when pried away from edge

**Result: CONFORMS (PASS)** 

#### **5.5 PAINTED SURFACE TEST**

When tested in accordance with the procedures section for painted surface test in BSS7434, the following is required:

#### Exposure: 2 minutes, then rinsed

- a) Paint film hardness shall not decrease more than 2 pencil harnesses.
- b) Greater than minimal colour change or staining constitutes test failure.

Paint System: BMS10-83 'enamel prepared in accordance with BAC5755

**Product (As Received):** Hardness change: < 2 pencil hardness change. Colour change (AATCC Gray Scale): Grade 5 / minimal to none (No perceived difference in colour or contrast between original material and tested specimen).

**Result: CONFORMS (PASS)** 

#### **5.6 TEDLAR SURFACE TEST**

When tested in accordance with the procedures section for Tedlar surface test in BSS7434, the following is required:

#### Exposure: 2 minutes, then rinsed

- a) Greater than minimal colour change or staining constitutes test failure.
- b) Examine for scratches

Product (As Received): Colour change (AA TCC Gray Scale): Grade 5 I minimal to none (No perceived difference in colour or contrast between original material and tested specimen). No scratches.

**Result: CONFORMS (PASS)** 

#### **5.7 VINYL SURFACE TEST**

When tested in accordance with the procedures section for vinyl surface test in BSS7434, the following is required:

Exposure.: 2 minutes, then rinsed.

- a) Cracking or brittleness of exposed specimen constitutes test failure.
- b) Greater than minimal colour change or staining constitutes test failure

Product (As Received): No cracking or brittleness. Colour change (AATCC Gray Scale): Grade 5 I minimal to none.

(No perceived difference in colour or contrast between original material and tested specimen).

**Result: CONFORMS (PASS)** 

#### **5.8 FABRIC AND CARPET TEST**

#### **Upholstery:**

a) Greater than minimal colour change or staining constitutes test failure

Product (As Received): Colour change (AA TCC Gray Scale): Grade 5 I minimal to none (No perceived difference in colour or contrast between original material and tested specimen.

#### **Result: CONFORMS (PASS)**

b) Flammability: maximum values

PROPERTY	MAXIMUM	FABRIC	FABRIC
	VALUE	PERPENDICULAR	PARALLEL
Extinguishing Time	15 seconds	Less than 3 seconds	Less than 3 seconds
Burn Length	8 inches	6 inches	6 inches
Drip Extinguish	5 seconds	Less than	Less than
Time		3 seconds	3 seconds

**Result: CONFORMS (PASS)** 

#### Carpet:

a) Greater than minimal colour change or staining constitutes test failure

Product (As Received): Colour change (AA TCC Gray Scale): Grade 5 I minimal to none (No perceived difference in colour or contrast between original material and tested specimen.

**Result: CONFORMS (PASS)** 

b) Flammability: maximum values

PROPERTY	MAXIMUM VALUE	FABRIC PERPENDICULAR	FABRIC PARALLEL
Extinguishing Time	15 seconds	Less than 3 seconds	Less than 3 seconds
Burn Length	8 inches	4 inches	4 inches
Drip Extinguish Time	5 seconds	Less than 3 seconds	Less than 3 seconds

**Result: CONFORMS (PASS)** 

#### **5.9 LEATHER AND NAUGAHYDE TEST**

#### Leather:

- a) Cracking or brittleness of exposed specimen constitutes test failure
- b) Greater than minimal colour change or staining constitutes test failure.

Product (As Received): No cracking or brittleness colour change (AATCC Gray Scale): Grade 5 I minimal to none (No perceived difference in colour or contrast between original material and tested specimen).

**Result: CONFORMS (PASS)** 

#### Naugahyde:

- a) Cracking or brittleness of exposed specimen constitutes test failure
- b) Greater than minimal colour change or staining constitutes test failure.

Product (As Received): No cracking or brittleness colour change (AATCC Gray Scale): Grade 5 I minimal to none (No perceived difference in colour or contrast between original material and tested specimen).

**Result: CONFORMS (PASS)** 

#### **5.10 FLASH POINT TEST**

All cleaning candidates having a flash point must be approved by Fire Protection Engineering before they can be evaluated for use. Method used ASTM D93.

Product (As Received): No Flash point observed to IBP: 212 °F (IBP = Initial Boiling Point)

**Result: CONFORMS (PASS)** 

#### **5.11 POLYCARBONATE CRAZING TEST**

Any cracking or crazing of the polycarbonate sheet constitutes failure, when tested in accordance with the procedures section for polycarbonate crazing test in BSS7434.

(Strain = 0.008; 10-minute exposure)

#### Product (As Received):

LEXAN 9600: No cracking or crazing

BMSB-400 BAC 70913: No cracking or crazing

**Result: CONFORMS (PASS)** 





# **SIQURA™** eXtend **PRODUCT RANGE**



CODE	PRODUCT	PACK SIZE
SQ-382	eXtend 500ml Re-Usable Bottle (filled)	Box 10
SQ-383	eXtend 500ml Re-Usable Bottle (empty)	Box 10
SQ-384	eXtend 5Ltr drum	Box 2
SQ-386	eXtend 20ltr	1 Drum
SQ-220	eXtend Wipes Eco-Canister, 180 Wipes	Box 12
SQ-486	eXtend Wipes Re-fill, 180 Wipes	Box 12