

# BROAD SPECTRUM DISINFECTANT

**SD50**

## TECHNICAL INFORMATION SHEET

### PRODUCT DESCRIPTION

**SD50 Broad Spectrum Disinfectant** is a non-toxic, skin safe, dual purpose solution which cleans and disinfects all hard surfaces. Effective against multiple pathogens, SD50 Broad Spectrum Disinfectant has been independently tested and verified and is a highly effective solution for disease control management in as little as 30 seconds. Suitable for use in all environments including healthcare, medical equipment, ambulances, veterinary and food handling industries. SD50 Broad Spectrum Disinfectant works in a simple spray and wipe application.



### FEATURES AND BENEFITS

- An excellent multi-purpose disinfectant based on a core natural biocide and a blend of surfactants.
- An outstanding disinfectant with Bactericidal, Viricidal, Fungicidal and Sporocidal properties in 30 seconds.
- Suitable for use in high risk infection areas e.g. public washrooms, hospitals, ambulances and all healthcare environments.
- Enables cleaning and sanitising to be carried out simultaneously.
- Can be used for cleaning and sanitising food utensils, glasses, crockery and all types of kitchen equipment.
- Suitable for use on all types of hard surfaces including plastics, laminates, glass and stainless steel.
- Non-toxic, Skin Safe, odourless in use and food contact safe.
- Effective in all water conditions.

### HEALTH & SAFETY



**HAZARD AS SUPPLIED:**  
Not Classified.  
Skin Safe.

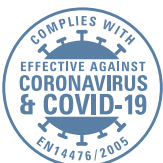
### HEALTH & SAFETY



**HAZARD WHEN USED  
AT RECOMMENDED DILUTION:**  
Not classified.  
Skin Safe.

### PACK SIZES

SKU	Pack Size
439810	2 x 5L
439811	25L



## INSTRUCTIONS FOR USE

### DILUTION

#### Trigger Bottle

**Manual ClearTrace SmartBlend Dosing System** - firstly, add the required amount of clean fresh water to the ClearTrace Trigger Bottle, from the ClearTrace SmartBlend Manual Dosing System locate the bottle neck into the dosing station aperture, add 2 pump of the SD50 Broad Spectrum Disinfectant to the ClearTrace Trigger Bottle. Screw the Trigger Head to the Trigger Bottle and lightly shake to mix.

**Automatic ClearTrace SmartBlend Dosing System** - place the ClearTrace Trigger Bottle into the dosing station aperture, depress the button on the front of the dosing station and fill the ClearTrace Trigger Bottle with the pre-diluted solution. Screw the Trigger Head to the Trigger Bottle.

#### Buckets

**Manual ClearTrace SmartBlend Dosing System** - firstly, add the required amount of clean fresh water to your selected bucket, from the ClearTrace SmartBlend Manual Dosing System locate the dispensing arm into or over the bucket and add 3 - 4 pumps (depending on the size of your selected bucket) of the SD50 Broad Spectrum Disinfectant to the water in the bucket.

**Automatic ClearTrace SmartBlend Dosing System** - place your selected bucket under the dispensing arm or by holding the dispensing hose into or over the bucket, depress the button on the front of the dosing station and fill your selected bucket with the pre-diluted solution.

#### Cleaning

**Trigger Bottle** -with the pre-mixed solution, spray SD50 Broad Spectrum Disinfectant directly onto the surface or disposable paper, leave for a few seconds to penetrate onto the surface, then wipe the surface to clean the area, discard the disposable paper into the correct waste stream, repeat the procedure to disinfect. Application takes approx 30 seconds to clean and sanitise surfaces.

**Bucket** - with the pre-mixed solution, apply the SD50 Broad Spectrum Disinfectant directly onto the floor surface with a clean mop head, work the solution over the floor to remove soiling. Repeat procedure as often as required to clean the surface. Remove any excess solution with the mop head. Allow the floor to dry thoroughly before walking on or using the area.

## SAFE HANDLING AND STORAGE

See visual information on page 1.

Full guidance on the handling and safe use of the product can be obtained from the Safety Data Sheet.

Store in original container.

Avoid extremes of temperature.

## TECHNICAL INFORMATION

Appearance: Clear liquid.

pH: 6.5 – 7.3.

Odour: Characteristic.

Solubility: Fully miscible in water.

Environmental: 100% Bio Degradable.

Non-Flammable and Classified as Skin Safe – No Irritants.

The above data is typical of normal production and should not be taken as a specification.

## MICROBIOLOGICAL ACTIVITY

Tested independently in accordance with;

- EN 1276 Bacterial action against *Pseudomonas aeruginosa*, *Escherichia coli*, *Salmonella typhimurium*, *Listeria monocytogenes*, *Staphylococcus aureus*, *Enterococcus hirae*, *Cronobacter sakazakii*, NDM1.
- EN13727 Bacterial action against the VRE, *Staphylococcus aureus*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Salmonella typhimurium*, *Pseudomonas aeruginosa*, *Enterococcus hirae*, *Enterococcus coli*, *Acinetobacter baumannii*.
- EN13697 Bacterial action against *Staphylococcus aureus* (MRSA), *Enterococcus hirae*.
- EN1656 Bacterial action against *Rhodococcus equi*, *Streptococcus equi*.
- EN14476 Virucidal activity against Norovirus, Hepatitis A, Hepatitis B, Hepatitis C, HIV, AIDS, Zika, Ebola.
- EN14476 Virucidal activity against Human Coronavirus (229E – alpha coronavirus, NL63 – alpha coronavirus, OC63 – beta coronavirus and HKU1 – beta coronavirus strains).
- EN14476 Virucidal activity against MERS – CoV – Middle East Respiratory Syndrome.
- EN14476 Virucidal activity against SARS – CoV – Severe Acute Respiratory Syndrome.
- EN14476 Virucidal activity against SARS – CoV - 2 – Novel Coronavirus (COVID-19).
- EN1650 Yeasticidal and Mold activity against *Aspergillus niger*, *Candida albicans*.
- EN13624 Yeasticidal activity against *Aspergillus niger*, *Candida albicans*.
- EN1275 Fungicidal activity against *Aspergillus niger*, *Candida albicans*.
- EN 14348 Mycobactericidal activity against *Mycobacterium avium*, *Mycobacterium terrae*.
- EN 13704 Sporicidal activity against *Clostridium difficile*, *Clostridium perfringens*, *Bacillus subtilis*, *Clostridium botulinum*.
- TES-S-004 Triangle test for potential taint due to contact with materials.

## MATERIALS COMPATIBILITY

Under recommended conditions of use SD50 Broad Spectrum Disinfectant is suitable for use on most materials commonly encountered in most areas including Retail, Education, Healthcare, Catering environments etc.

## OTHER INFORMATION

Fully compliant with EU Biocide Regulations.

Tested to be safe on skin.

Not harmful to plants or animals.

Halal Certified.

