



Document Title		DISINFECTING SERVICE (Incl. COVID-19)		
OCCUPATIONAL HEALTH AND SAFETY INSTITUTE SOUTH AFRICA (PTY) LTD.		Document Number HYG01	Revision 00	Issue Date
APPROVAL	Name	Job Title/ Role	Signature	Date
Health Department	Jana Maritz	Health Department Manager		2020/04/02
Approved by	Bok van Rooy	CEO		2020/04/02

OHSISA HYGIENE DISINFECTING SERVICE

OHSISA Hygiene disinfecting service is based on the World Health Organization and the Center of Disease Control standards, we follow all the specified methods statements and procedures to be able to certify the premises free of any bacteria, viruses and fungi (incl COVID 19).

We identify, spray and wipe potential high-risk touch surfaces like light switches, door handles, taps etc. We also damp wipe computer keyboards, mouse and any electronic surfaces which is liquid sensitive. After this process we use fogging machines creating a 5-micron fogging solution and then fog the entire premises. By using this method, the chemical reaches all areas within the premises ensuring that areas not hand wiped is also disinfected. These areas remain hygienically disinfected for **up to 7 days**. Hand wiped areas will only remain disinfected as long as the chemical is present, if cleaned afterwards this surface can get re-infected. We then also, because of this suggest that a follow up schedule is put into place with normal disinfectant or ADI product we supply. The disinfectant can be used with existing cleaning methods and need additional personal protective equipment or training.

The premises can also be used **within an hour** after disinfecting as it leaves no fogging residue and has no hazardous characteristics making it risk free for the environment and people. This is of great benefit over and above any other method and chemicals currently in the market.

More about the chemicals that we will use while disinfecting the premises.

It is certified to effectively kill 99.999925% of pathogens i.e. all bacteria, viruses (including COVID 19) and fungi and is non-toxic (safe for humans and animals).

Just 30 - 60 seconds after application OHSISA CONCENTRATE ADI reaches an ORP of over 950mV, and a log reduction of Log 6.25.

It is very rare for a disinfectant to reach such a high kill rate (with no alcohol or chlorine), while simultaneously being non-toxic and environmentally friendly.

With Oxidation Reduction Potential (ORP) being one of the most effective and accurate ways to measure the efficacy of a disinfectant, OHSISA CONCENTRATE ADI beats most toxic and non-toxic disinfectants on the market currently.

We are successfully using OHSISA CONCENTRATE ADI Surface Disinfectant within the home, Medical care, healthcare, wound-care, pet-care, food/beverage manufacturing industries as well as in various other applications.

Other areas where OHSISA CONCENTRATE ADI is successfully used in the agriculture industry is for Citrus, Apples, Pears, Avocados, Tomatoes, Lettuce and Tunnel Farming/Package Houses as well as meat feedlots, several poultry producers and abattoirs.

Herewith is a short synopsis of OHSISA CONCENTRATE ADI

OHSISA CONCENTRATE ADI is a new persulphate disinfectant product with no harmful chemicals such as alcohol / chlorine or a tacky residue.

OHSISA CONCENTRATE ADI is tested at **Log 6.25 reduction** – highest in class

Activation of OHSISA CONCENTRATE ADI starts and works from 30 - 60 seconds onwards at **full strength** continuously for **seven days** – *most competitive products only start from 5 minutes onwards and needs to be topped up after 2-4 hours to remain at full strength and efficacy due to dissipation and evaporation.*

ORP levels starting at 950mv directly when mixed and moving to over 1000mv after 4 hours – this is the active millivolts that show the product is active and working – also see point above. (With the ORP above 1000mv the Log rating reaches a higher level than claimed, and is maintained for seven days)

Application of OHSISA CONCENTRATE ADI can be done via immersion, spraying, mist spraying and fogging. It can also be used in Bio Security as entry footbaths and wash-trays/buckets for equipment cleaning.

No release or residue of harmful gasses or chemical vapors means no preparation needed pre or post application.

No shutdown period is required prior to applying the OHSISA CONCENTRATE ADI disinfectant and no rinsing of equipment or surfaces required post application. (Certain food/beverage manufacturing needs bacteria for activation – rinsing would then be required)

Water used for mixing of OHSISA CONCENTRATE ADI need **not** be treated before or after application which results in saving time and money.

OHSISA CONCENTRATE ADI can be applied during working production as the product is certified food safe – will not alter taste or aroma.

OHSISA CONCENTRATE ADI kills surface bacteria, viruses and fungi – not just suppression like in a lot of competitive products.

Mixing of OHSISA CONCENTRATE ADI needs no PPE or and can be stored anywhere – no need for special containers or chemical stores and registers.

OHSISA ADI is available in easy to use and convenient sized packaging as typically used in the cleaning industry.

OHSISA CONCENTRATE ADI is certified internationally - BS EN 1276:2009 – and NRCS registered. **(Exceeds the SANS 1853:2017 requirement).**

All testing of OHSISA CONCENTRATE ADI is done through internationally accredited SANAS labs such as Intertek, Aquatico, CSIR, Waterlab and Aspirata. (Every production batch tested again to remain within standard and for tracking and tracing)

Packaging done in ISO accredited facility.

OHSISA CONCENTRATE ADI ICSA Halaal certification received – August 2019.

