

BIOZONO AG+ DL

TESTED ON ANTIVIRAL EFFECTIVENESS UNI EN 14476:2015

PRODUCT BASED ON ACTIVE OXYGEN AND AG+ IONS FOR LEGIONELLA PNEUMOPHILA AND BACTERIAL PROLIFERATION CONTROL IN SANITARY WATER CIRCUITS, COOLING TOWER CIRCUITS AND CLOSED CIRCUITS SUBJECT TO BACTERIAL POLLUTION.

PROPERTY

SPECIAL FORMULA THAT THANKS TO THE SYNERGIC ACTION OF THE ACTIVE OXYGEN AND SILVER EXERTS A STRONG SANITIZING ACTION IN SANITARY WATER CIRCUITS, COOLING CIRCUITS AND IN GENERAL WHERE CONTAMINATION OF LEGIONELLA PNEUMOPHILA AND OTHER BACTERIAL FORMS IS NORMALLY PRESENT IN THE BIOFILM.

USE AND DOSES

SANITARY WATER CIRCUITS:

DOSAGE FOR SHOCK TREATMENT

LINES WITH A LENGTH OF NOT MORE THAN 100-150 METRES ARE RECOMMENDED. IF THE LINE HAS HIGHER LENGTH IT IS NECESSARY TO DIVIDE THE CIRCUIT INTO DIFFERENT SEGMENTS.

DOSE 300 TO 600 ML/ MC OF WATER TO BE TREATED (100-200 PPM OF ACTIVE OXYGEN).

VERIFY THAT AT EACH POINT OF DELIVERY THE PRODUCT ARRIVES AND POSSIBLY KEEP A CONTACT TIME OF 10-12 HOURS. AFTER THAT RINSE THOROUGHLY UNTIL THE OXYGEN DISAPPEARS IN THE PLANT. IN CASES OF POLLUTION BY PARTICULARLY HIGH LEGIONELLA AMOUNT OR WHEN CONTACT TIMES HAVE TO BE PARTICULARLY LOW IT IS POSSIBLE TO PROVIDE DOSAGES OF 3-5 LT/MC WITH CONTACT TIMES OF 30 TO 60 MINUTES. IN THESE CASES CHECK WITH OUR TECHNICAL OFFICE

MAINTENANCE DOSAGE:

30 -60 M/MC OF WATER

(10-20 PPM ACTIVE OXYGEN AT THE DELIVERY POINT)

IN CASE OF CONTINUOUS SANITISATION USING A DOSING PUMP, DO NOT PRE-DILUTE THE PRODUCT AND CHECK THAT THE CONCENTRATION OF THE RESIDUAL PRODUCT AT THE USER FINAL POINT IS NOT LESS THAN 10 PPM OF ACTIVE OXYGEN.

COOLING CIRCUITS AND CLOSED CIRCUITS:

DOSAGE FOR SHOCK TREATMENT

DOSE 800 TO 1000 ML/ MC OF WATER TO BE TREATED (250-350 PPM OF ACTIVE OXYGEN).

MAINTENANCE DOSAGE SHALL BE:

RELATED TO THE CONSUMPTION OF ACTIVE OXYGEN IN THE 24 HOURS: CONSIDERING THAT EVERY 100 CC OF BIOZONE ag+ DL CORRESPONDS TO AN INCREASE OF 35 ppm OF ACTIVE OXYGEN. IT IS RECOMMENDED TO KEEP A MINIMUM CONCENTRATION OF ACTIVE OXYGEN OF 30- 60 ppm.

SURFACES IN GENERAL AND ANTI-VIRAL ACTIVITY

BIOZONO Ag + DL PASSED THE UNI EN 14476: 2015 TEST SPECIFICALLY FOR 1% CONCENTRATION ANTIVIRAL ACTIVITY CORRESPONDING TO CONCENTRATION OF 3500 PPM HYDROGEN PEROXIDE.

FOR POLLUTED SURFACES, IT IS RECOMMENDED TO USE CONCENTRATIONS OF 1.5% OF BIOZONE AG + DL (CORRESPONDING TO 5000 PPM OF HYDROGEN PEROXIDE), AS RECOMMENDED BOTH BY WHO AND BY ISS.

CHEMICAL AND PHYSICAL PROPERTIES

ASPECT	COLOURLESS LIQUID
ODOR	ODORLESS
SOLUBILITY IN WATER	COMPLETE
pH of PRODUCT	1.0 - 5.0 at 20°C
SPECIFIC WEIGHT AT 25°C	1,12 Kg/l

CONTROLS

FOR CONCENTRATION CONTROL OF THE OF BIOZONO Ag+ DL OPERATE WITH THE KIT SUPPORT FOR OXYGEN

WARNINGS AND POTENTIAL HAZARDS

HAZARD STATEMENTS:

H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

THE PRECAUTIONARY STATEMENT SHALL:

P102 KEEP AWAY FROM CHILDREN.

P260 DO NOT BREATHE DUST OR MIST.

P264 WASH HANDS THOROUGHLY AFTER USE.

P280 WEAR PROTECTIVE GLOVES AND PROTECT EYES/FACE.

P303+P361+P353 IN CASE OF CONTACT WITH SKIN (OR HAIR): REMOVE ALL CONTAMINATED CLOTHING IMMEDIATELY. RINSE THE SKIN/TAKE A SHOWER.

P305+P351+P338 IN CASE OF EYE CONTACT: RINSE THOROUGHLY FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF IT IS EASY TO DO SO. CONTINUE TO RINSE OFF.

EXPOSURE CONTROL/ PERSONAL PROTECTION

RESPIRATORY PROTECTION: NOT NECESSARY DURING NORMAL USE SELF CONTAINED BREATHING APPARATUS IN THE EVENT OF INSUFFICIENT VENTILATION.

HAND PROTECTION: PVC RUBBER GLOVES

PROTECTION OF EYES: COMPLETE PROTECTION GLASSES

BODY PROTECTION: PROTECTIVE CLOTHING RESISTANT TO

CORROSIVE PRODUCTS CLASS I.

ADDITIONAL MEASURES: EYEWASH BOTTLES

TLV LIMITS: 1 ppm

HANDLING AND STORAGE

HANDLE THE PRODUCT CAREFULLY AND PREVENT CONTAMINATION. KEEP THE CONTAINER VENTILATED. USE RUBBER GLOVES AND SAFETY GOGGLES

STORED AT ROOM TEMPERATURE AND PROTECTED FROM DIRECT LIGHT. AVOID CONTACT WITH ORGANIC MATERIAL.

PLACE THE PRODUCT AWAY FROM HEAT SOURCES. DO NOT PUT UNUSED QUANTITY OF PRODUCT BACK INTO THE ORIGINAL CONTAINER.

MEASURES OF FIRST SURVEY

CUTE: IMMEDIATELY REMOVE THE GARMENTS CONTAMINATED AND WASH THOROUGHLY WITH WATER

EYES: WASH IMMEDIATELY AND ABUNDANTLY WITH RUNNING WATER HOLDING THE EYELIDS OPEN.

WHERE APPROPRIATE, CALL FOR A SPECIALIST VISIT AND SHOW THE LABEL.

INGESTION: RINSE YOUR MOUTH ABUNDANTLY WITH WATER..

CONSULT A DOCTOR AS SOON AS POSSIBLE.

INHALATION OF THE VAPOUR: REMOVE THE SUBJECT FROM THE POLLUTED AREA , IF THE BREATH IS IRREGULAR OR INTERRUPTED, PRACTICE THE ARTIFICIAL BREATHING..

CONSULT A DOCTOR AS SOON AS POSSIBLE.

COMPOSITION

CONTAINS STABILIZED PEROXIDES, MINERAL TRACE ELEMENTS, CO-FORMULANTS.

PACK IT

DRUM 10 LT, BOTTLE 1 L

INFORMATION ON THE TRANSPORT

ROAD TRANSPORT: A 2014 HYDROGEN PEROXIDE IN AQUEOUS SOLUTION 5.1, II ADR

