

TECHNICAL DATA SHEET

Ki-ose[®] 322 Concentrate

Broad Spectrum Disinfectant Cleaner Concentrate



DESCRIPTION

Ki-ose[®] 322 Concentrate is a concentrated disinfectant cleaner. It has been specially developed for the disinfection and cleaning of surfaces in aircraft cabins. It can be used diluted, in maintenance, or during flight by cabin crew, for the cleaning and the disinfection of galleys (including surfaces in contact with food), of trolleys, toilets and for the entire cabin compartment.

FEATURES AND BENEFITS

- Broad spectrum surface disinfectant.
- Suitable for use in food preparation areas.
- Gentle floral fragrance.
- Kills 99.99% of most of harmful bacteria, viruses & yeast (see efficacy tests below).
- Concentrated version : Dilution up to 1:19 (5% w/w).
- Ki-ose[®] 322 Eco Dose sachet for quick 500ml spray refill.
- Recyclable packaging
- Calculated and compensated Carbon Footprint



DIRECTIONS FOR USE

- Dilute **Ki-ose[®] 322 Concentrate** to 5% w/w (1 volume of product to 19 volume of water) for general disinfectant cleaning use, or to 10% w/w (1 volume of product to 9 volume of water) for increased antimicrobial efficacy (see below efficacy test table).
- **Ki-ose[®] 322 Eco Dose** can be poured directly into an empty 500ml spray, then topped-up with water, to obtain a 5% w/w (1:19) diluted ready to use Ki-ose[®] solution. For a 10% (1:9) dilution, for increased antimicrobial efficacy, pour a second sachet in the empty 500ml spray before topping-up with water.
- Spray the diluted Ki-ose[®] solution on the surface to be disinfected/cleaned (18 ml/m²).
- Allow to act for 5 to 15 minutes for complete disinfection before wiping dry with a lint free cloth.
- Do not rinse except if the surface is to be in contact with food.

Use biocides with caution. Before use, read the label and information about the product.

PHYSICAL PROPERTIES

Active ingredient:	2% w/w didecyldimethylammonium chloride CAS 7173-51-5
Appearance:	Liquid
Colour:	Colourless to yellowish
Fragrance:	Floral
Bottle:	5L translucent HDPE
Shelf Life:	3 years - <i>Expiry date and batch number are printed on each bottle</i>

AIRCRAFT APPROVALS

- Concentrate : AMS 1453
- Ki-ose[®] diluted solution : AMS 1453 - AMS 1550 - BSS 7434 - BOEING D6-7127
Airbus CML applications 11CAA1, 11AAA2, 11CBA1
- Air France FITS 58-083-02

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- PSA NATO Cage Code : FA2X6
- PSA certified ISO 9001 : 2015

EFFICACY OF DILUTED 1:19 KI-OSE® RTU SOLUTION

BACTERICIDAL	
EN 1276	<i>Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae</i> surrogated bacteria for Enterobacteria
EN 1040	<i>Pseudomonas aeruginosa, Staphylococcus aureus</i>
EN 13623	<i>Legionella pneumophila</i>
EN 13697	<i>Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae</i> surrogated bacteria for Enterobacteria
YEASTICIDAL	
EN 1275	<i>Candida albicans</i>
EN 1650	<i>Candida albicans</i>
EN 13697	<i>Aspergillus brasiliensis, Candida albicans</i>
VIRUCIDAL	
EN 14476	Influenza A (H1N1) surrogated virus for lipophilic viruses (Ebola, Coronavirus, Flu, Hepatitis, HIV, Rotavirus), murine norovirus [+ adenovirus when dilution 1:9]
EN 16777	[murine norovirus + adenovirus when dilution 1:9]

ORDERING INFORMATION

Product Code	Product	Units / carton	Carton weight (Kg)	Carton Dimensions (cm)	CO2 /unit (EXW Paris)
AR0000259	Ki-ose® 322 Concentrate 5L jerrycan	4	20.5	39 x 28 x 29	5.66 Kg
AR0006618	Ki-ose® 322 Concentrate 20L jerrycan	1	20.5	-	22.60 Kg
AR0000037	Ki-ose® 322 Eco Dose Concentrate for 500mL	24	2.0	15 x 20 x 12	Coming soon



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WARNING

Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

PRECAUTION

Avoid breathing fume, vapours. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. IF INHALED: Remove person to fresh air and keep comfortable for breathing.

STORAGE & DISPOSAL

Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national, and/or international regulation.

WARRANTY – All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent. Created 21 April 2020. Modified 19th December 2023. Date Printed 19/12/2023 3:10 PM