

EMS AeroSolutions Interior Cleaner

DISINFECTING CLEANER

- Porous and Non-Porous Surfaces
- Fast kill of pathogens
- Disinfect walls, floors
- Safe on Fabrics, seating
- Leave on for long-term disinfectant solution
- Non-D.O.T Regulated

AeroSolutions Interior Cleaner is a cleaner, disinfectant, detergent, deodorizer, fungicide, virucide and mildewstat that carries various USDA Authorization codes including A1, A2, A4, A8, C3.

AeroSolutions Interior Cleaner is delivered as a super concentrate. When diluted at 64:1, it can be applied as a spray or as a traditional cleaner and will knock down a plethora of hard-to kill viruses and pathogens including:

Adeno Type 2	MRSA
Aspergillus Niger	Novovirus (Norwalk Virus)
Avian Flu (H9N2, H3N2)	Parainfluenza Type 1
Bovine Viral Diarrhea Virus	Polio (Chat Strain)
Brevibacterium Ammoniogenes	Pseudomonas Aeruginosa
Canine Parvovirus	Psuedora
Creutsfeld-Jacob Disease	Salmonella Choleraesuis
Escherichia Coli (E-Coli)	Salmonella Schottmuelleri
Enterobacter Aerogenes	SARS
Feline Calicivirus (FCV)	Shigella Dysenteriae
Hepatitis B Virus (HBV)	Staphylococcus Aureus
Hepatitis C Virus (HCV)	Streptococcus Faecalis
Herpes Simplex 1 (Sabin)	Streptococcus Pyogenes
Herpes Simplex 2	Streptococcus Salivarius
Human Coronavirus	T1 & T4 Bacteriophage
HIV-1 (AIDS Virus)	Trichophyton Mentagrophytes
Influenza A2, B & C	Tuberculosis
Klebsiella Pneumoniae	Vaccina
Listeria Monocytogenes	VRSA
Measles Virus	

AeroSolutions Interior Cleaner can be used in passenger and employee areas, seating, restrooms, walls, doors, handles, flooring... anywhere dirt and germs build up.

AeroSolutions is powered by EMS' patented microbe technology known as Xtreme. A colorless, odorless broad spectrum disinfectant and detergent. Xtreme provides 1.1 trillion colony forming units per gallon. EMS microbes are enclosed in a sheath to protect them from chlorine, sanitizer and heat, which easily kill unbound microbes.

Check with your EMS representative for a full lab report of the bacteria, pathogens and viruses that Xtreme has been tested and proven to destroy. Xtreme is FIFRA exempt as per 40 CFR 152.25 (f) .



Xtreme

For sales or product information call 877-424-6979 or visit www.enviromfg.com

Technical Data

BIODEGRADABLE: Yes/100%)/00,7000DDPPDEOH
FORM: Liquid 0,102,10
ODOR: Mild Detergent Odor 62 /8 0, 70,1 :0 7(5
COLD STABILITY: -16° F 92&VR0
DETERGENCY: Strong 92/ 7,(0 92/ 80(10
PHOSPHATES: None &&,120 61R0
WETTING ABILITY: Excellent 6+(/),(0DU

Common Uses

AeroSolutions Interior Cleaner is a super concentrated industrial cleaner which at different dilutions can be used in almost countless environments.

Cleaning Uses

Passenger Area
Employee Area
Cockpit
Seating
Service Areas
Customs
Wall/Floor/Ceiling Cleaning
Upholstery Cleaning
Restroom Cleaning
Food Prep Area Cleaning
Cargo Room Cleaning
Check Point Area Cleaning

FIFRA Exempt

This product is exempt from EPA registration under minimal risks pesticides exemption FIFRA section 25(b)

Kills odor-causing bacteria on food contact surfaces and on non-food-contact surfaces.
Kills bacteria that cause spoilage, deterioration, or fouling of materials on a variety of surfaces, textiles and paper products.
Kills bacteria that cause fouling in cooling towers.
Kills odor-causing bacteria.
Effectively controls the growth of algae.
Neutralizes and removes odors.
Removes mold stains from surfaces such as patios, decks and most other structures.
Kills and controls micro-organisms infectious to animals.

DOT STATEMENT

Non-D.O.T. Regulated/Non-D.O.T. Hazardous
Class 8 (d) (1) exempt as per 49 CFR 173.154 <6.25 mmpy

D. O. T. classifies a material to be corrosive and hazardous if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel or 7075- Y6 Aluminum.

Conclusion: AS Interior Cleaner is NON-CORROSIVE.

Additional Studies & Results: When tested, AS Interior Cleaner showed no potential for the generation of Carbon Dioxide under NIOSH 7903, OSHA & ACGIH testing protocols governing workplace environments.

Dilution Specification

Please refer to the product label.

Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral: NON-TOXIC)

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals: NON-MUTAGENIC

Dermal Irritation & Corrosion

A modified Draize method was used as described in OECD Guidelines for the Testing of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992.

AS Interior Cleaner is classified as a "Non-Skin Irritant".

Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

AS Carbon Remover is 100% Biodegradable.

Classifications & Approvals

D.O.T., IMO, IATA , IMDG - Non-Regulated

TDG - Non-Regulated to and through Canada

SARA 313 311/312 - This product does not contain any ingredients that are subject to the reporting requirements.

California Prop 65 - This product does not contain any ingredients known to the state of California to cause cancer, birth defects or any other reproductive harm.

FDA - Approved as Safe (GRAS)

USDA Authorization
A1, A2, A4, A8, C3