

MATERIAL SAFETY DATA SHEET

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This MSDS has been prepared by PSK Pharma Pvt. Ltd., Quality Control Dept.

SECTION-I-IDENTIFICATION AND COMPANY DETAILS

PRODUCT NAME

"HOSPAL-AERO"

Aldehyde-free Aerosol Disinfectant for Fogging

COMPANY:

PSK Pharma Private Limited

121/22, Mahajenahalli, Post Box No. 21

Shimoga Road, Harihar - 577 601

Karnataka, India

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E-mail: weprotect@pskpharma.com

Website: www.pskpharma.com

RECOMMENDED USE: For emergency fumigation of closed spaces in medical settings

SECTION 2 - HAZARDOUS IDENTIFICATION

Hazardous Components (specific chemical identity/ Common name):

It causes moderate eye irritation. Don't spray on eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before consuming food.

Appearance ; Aerosols Physical State : Aerosol Odor : Pleasant

Pressurized container : May burst if heated

Keep away from heat, spark, and open flame. Don't puncture or incinerate container. Exposure to temperate above 50°C may cause bursting.

KEEP REACH OUT OF CHILDREN



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SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethyl Alcohol	64-17-5	50-60%
Butane	106-97-8	18-20%
Iso-butane	75-28-5	12-15%
Propane	74-98-6	10-12%
Azadirachtha Indica	84696-25-3	< 1%
Didecyl dimethyl ammonium chloride	7173-51-5	< 1%
Excipients	-	Qs to 100%

SECTION 4 - FIRST AID MEASURES

First aid procedures

Eye Contact : Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Skin contact :Non-toxic in contact with skin.

Inhalation :Move to fresh air.

Ingestion : Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

Symptoms : Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed.

Notes to Physician Treat symptomatically

SECTION 5-FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Not determined.

Specific hazards arising from the chemical:

Aerosols are under pressure. Perforation of the pressurized container may cause bursting of the can.

Protective equipment for firefighters:

As in any fire, water self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment as required

Methods and material for containment and cleaning up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Keep in suitable, closed container for disposal.

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SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

Advice on safe Handling: Handle in accordance with good industrial hygiene and safety practice.

Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities.

Storage conditions: Keep containers tightly closed in a dry, cool and well – ventilated place. Keep away from heat.

Incompatible Materials: None known based on information supplied.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

Ingredient(s) & Exposure Limits

ACGIH-TLV : Not established

OSHA-PEL : Not established

NIOSH IDLH : Not established

Appropriate engineering controls

Engineering Controls :Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection :Avoid contact with eyes.

Skin and Body Protection :No special technical protective measures are necessary.

Personal Protective Equipment:

- a) **Respiratory System:** Ensure adequate ventilation, especially in confined areas.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Aerosol
Color	: Not determined
Odor	: Pleasant
pH	: 8.0-8.5
Flash Point	: <-73 dg C/ <-99.4 dg F
Evaporation Rate	: >1
Boiling Point	: ~102 dg C / ~ 215 dg F
Melting Point	: ~0 dg c / ~ 32 dg F
Explosive Properties	: Pressurized container: May burst if heated
Lower explosion limit	: Not available.
Oxidizing properties	: Not an oxidizer
Vapor Pressure	: 0.05
Solubility	: Soluble in some polar solvent
Vapor Density	: >1
Flammability (solid, gas)	: n/a-liquid
Flammability limits	: Non – flammable aerosol

SECTION 10 - REACTIVITY DATA

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Excessive heat and fire.

Incompatible materials: None known based on information supplied

Hazardous decomposition products: None known based on information supplied

Possibility of hazardous reactions: None under normal processing.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

Product information:

Eye contact Avoid contact with eye
Skin contact No known hazard in contact with skin
Inhalation Avoid breathing vapors or mists.
Ingestion Do not taste or swallow

SECTION 12 - ECOLOGICAL INFORMATION

Eco toxicity: Not done.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental.

SECTION 14 - TRANSPORT INFORMATION

Note **Based on package size, product may be eligible for limited quantity exception.**

DOT

UN /ID No : UN1950
Proper Shipping Name : Aerosols
Hazard Class : 2.2

IATA

UN/ID No : UN1950
Proper Shipping name : Aerosols
Hazard Class : 2.2

IMDG

UN/ID NO : UN1950
Proper Shipping name : Aerosols
Hazard class : 2.2

SECTION 15 - REGULATORY INFORMATION

International Inventories.

Not determined

US Federal Regulations

SARA 313

Not determined

SECTION 16 - OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
Not determined	Not determined	Not determined	Not determined	
HIMS	Health Hazards	Flammability	Instability	Special Hazards
Not determined	Not determined	Not determined	Not determined	

Issue Date : Feb 2019

"HOSPAL-AERO"

Aldehyde-free Aerosol Disinfectant for Fogging

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Disclaimer:

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End of Safety Data Sheet