

Microkleen™

Aldehyde-Free,
Quat-Based Rapid Disinfectant

Composition

Each 100g contains

Propanol - 1	30g
Propanol - 2	45g
Benzalkonium chloride	0.5g
Didecyl dimethyl ammonium chloride	0.5g
Polyhexamethylene biguanide hydrochloride	0.5g
Corrosion inhibitors, chelating agents	

About Microkleen

Microkleen is a ready-to-use disinfectant cleaner and deodorant designed for rapid disinfecting and controlling mold and mildew on various hard and non-porous surfaces. Use this non-abrasive product to quickly remove dirt, grime, mold, mildew and other common soil"

Quat-based, disinfectant cleaner that cleans, disinfects and deodorizes in one step

Broad Spectrum Activity

- Highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, virus, fungus, mold and mildew.
- Bactericidal, Virucidal, Fungicidal and Mildewstatic.

Effective

- Ready-to-use liquid disinfects in 30 seconds to 5 minutes of contact time.
- Clean and disinfect surfaces.
- Quickly removes dirt, grime, mold, mildew and other common soils from hard, nonporous surfaces.

Versatile

- Use on hard, non-porous surfaces including vinyl, painted surface, plastic, glazed ceramic, glazed porcelain, chrome, laminated surface and baked enamel surface.
- Effective on stains in educational, lodging and food service environment.



Product specification

Description

Colour Form	:	Colourless
Fragrance	:	Odourless
Shelf life	:	36 months
Pack Size	:	250ml

Microgen®

Redefining Hygiene...



BROP (A Unit of Microgen Hygiene Pvt. Ltd.)

Village - Ogli, Trilokpur Road, Kala Amb (H.P.), India. Pin code -173030

MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name : MICROKLEEN
Generic Name : Isopropyl Alcohol & Benzalkonium Chloride Solution
Product Uses : Surface & Equipment Disinfectant
Manufacturing Site : BROP (A Unit of Microgen Hygiene Pvt. Ltd.) Village- Ogli, Trilokpur Road, Kala Amb, Himachal Pradesh, India-173030
Head Office : 614, Midas, 6th Floor, Sahar Plaza, Andheri –Kurla Road, Andheri (E), Mumbai-400 059. Tel: +91 22 2825 1870
Website: www.microgenindia.co

2. HAZARDS IDENTIFICATION

Physical & Chemical Hazards: The product is flammable, and heating may generate vapours which may form explosive vapor/air mixtures.

Human Health: Harmful in contact with skin and if swallowed. Corrosive to skin and eyes. Repeated or prolonged contact with skin may cause allergic reactions in sensitive individuals.

Environment: Very Toxic to Aquatic Organisms.

Primary Routes of Entry: Skin Contact, Eye Contact, Inhalation, Ingestion

Effects of Overexposure:

Skin: May cause skin irritation.

Eyes : Causes eye irritation.

Inhalation: May cause respiratory tract irritation.

Ingestion: Causes gastrointestinal irritation.

3. Chemical Components

CAS No.

N-Propanol	71-23-8
Isopropyl Alcohol	67-63-0
Benzalkonium Chloride Solution	8001-54-5
Didecyl dimethyl Ammonium chloride	7173-51-5
Polyhexamethylene Biguanide hydrochloride	32289-58-0

4. FIRST AID MEASURES

Skin Contact: Wash skin with soap and water. Flush with water. Seek medical attention if Irritation persists.

Eye Contact: Immediately flush eyes with water for 15 minutes. Seek prompt medical attention.

Inhalation: Remove to fresh air. Seek medical attention if ill effects persist.

Ingestion: If conscious, give 1 glass of water to dilute. DO NOT induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Seek medical attention or contact poison control center.

5. FIRE FIGHTING MEASURES:

Flammability of the Product : Flammable.

Flash Point : 85⁰C

Fire Hazards : None known.

Unusual Fire Hazards : None known

Extinguishing Medias : Use media suitable for surrounding area.

Fire Fighting Procedures: Cool exposed and intact containers with water spray.

6. ACCIDENTAL RELEASE MEASURES:

Person-Related Precautionary Measures: The product is corrosive. Avoid smoking and use of open fire. Avoid inhalation of spray mist and contact with skin and eyes. Follow precautions for safe handling described in this safety data sheet. For personal protection.

Environmental-Protection Measures: Dispose of waste in accordance with all applicable Federal, State and Local Laws.

Procedures for Cleaning/ Absorption: Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions:

Keep container dry. Keep away from heat. Keep away from sources of ignition. Never add water to this product. Avoid contact with skin and eyes. Keep away from incompatibles agents.



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Storage:

Store in a segregated Place. Store in a cool, dry area and away from strong acids. Keep container tightly closed and sealed until ready for use. Do not store above 30°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin Protection: Wear latex or nitrile gloves.

Eye Protection: Wear safety goggles at a minimum.

Respiratory Protections: Wear mist/vapor/dust respiratory protection unless adequate local exhaust ventilation is provided or air sampling data shows exposures are within exposure guidelines.

Protective Equipment: Safety eye-wash station should be within direct access.

Personal Hygiene : Avoid getting into eyes or prolonged contact with skin and clothing. Wash thoroughly after handling. Wash contaminated clothing before re-use.

9. PHYSICAL PROPERTIES

Description: A white wet wipes in a roll placed in a suitable container.

pH: 6.0 to 9.0

Boiling Point °C: 100 °C (212 °F)

Weight per ml: 0.80 to 0.90 g/ml

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Temperature: > 30°C Exposure to heat.

Hazardous decomposition products: no data available

11. TOXICOLOGICAL INFORMATION

LD50 (Rat): n/f

LD50 (Mouse): n/f

LD₅₀ (Inhalation): n/f

Symptoms related to the physical, chemical

and toxicological characteristics: Acute Potential Health Effects.

Skin: May cause mild skin irritation.

Eyes: May cause eye irritation.

12. Ecological information

Ecotoxicity: Not available

Environmental effects: Not available

Aquatic toxicity: Not available

Persistence / degradability: Not available

Bioaccumulation / accumulation: Not available

Partition coefficient: Not available

Mobility in environmental media: Not available

Chemical fate information: Not available

Other adverse effects: Not available

13. Disposal Considerations

Waste treatment methods

Product: Dispose of as special waste in compliance with local and national regulations.

The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging: If recycling is not practicable, dispose of in compliance with local regulations.

14. Transport Information

Marine pollutant (Yes/No) : Not available

Additional Transport Information: Not available

Note: No any special transportation conditions are required.



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15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture No data available

Chemical Safety Assessment No data available

16. Other Information

The information herein is based on data considered to be accurate as of the date of preparation of this material safety data sheet. However, no warranty or representation, expressed or implied is made as to the accuracy or completeness of the forgoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product.