

Personal Care

Distributor VITA Co.,Ltd

BIOSOL - Isopropyl Methylphenol (IPMP)

Osaka Kasei Co., Ltd.

Bactericidal, antiseptic, fungicidal agent, Antioxidant for drugs (for general use), quasi-drugs, cosmetics, and other industrial fields.

Properties

- Broad-spectrum activity against gram-positive & gram-negative bacteria , Yeasts and Mold.
- Antiviral activities.
- Soluble in alcohol and solvent.

Comparison of potency with other antibacterial drugs.

MIC (%) against various bacteria, yeasts, and molds.

Bacterial species	<i>B.fluo-Rescens</i>	<i>S.aureus</i>	<i>B.subtilis</i>	<i>Z.salsus</i>	<i>W.ano-Mala</i>	<i>A.oryzae</i>	<i>A.niger</i>
Drugs							
Biosol®	0.01	0.02	0.02	0.005	0.005	0.005	0.01
Sodium benzoate	>0.12	>0.12	>0.12	>0.12	>0.12	>0.12	>0.12
Benzoic acid	0.12	0.12	0.12	0.06	0.06	0.06	0.06
Paraoxy methyl benzoate	>0.15	0.15	0.15	0.0075	0.0075	0.0075	0.0075
Paraoxy ethyl benzoate	>0.15	0.15	0.0075	0.038	0.038	0.038	0.038
Paraoxy propyl benzoate	0.075	0.025	0.025	0.025	0.025	0.015	0.02
Paraoxy butyl benzoate	0.075	0.0075	0.0075	0.015	0.015	0.015	0.015
Salicylic acid	>0.05	0.05	0.05	>0.05	>0.05	>0.05	>0.05

>: A higher concentration than indicated was needed. (Data of the Osaka Municipal Hygienic Laboratory)

Benefits

- Weak odor and taste.
- Low irritant or sensitizing action.
- Wide spectrum of bactericidal action.
- Ultraviolet absorption and antioxidant activities.
- High stable compound and retains its actions over a long period.
- High safety: No halogen, heavy metal, or environmental hormone.

Applications

- Preservative for Skin care, Hair Care, Oral Care.
- Quasi-drugs : External sterilizers or disinfectants (hand disinfectants, oral disinfectants, hair tonics, anti-acne drugs, tooth paste.)
- Drugs for bacterial or fungal skin disorders, oral disinfectants.



For more information , please contact

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