

SHAROMIX DHMP

Broad Spectrum Preservative Blends



Sharomix DHMP is a preservative blend with a wide spectrum of anti microbial activity.

Sharomix DHMP was developed to meet the needs of many cosmetic formulators who favor DMDM Hydantoin as the anti bacterial component of the preservation system.

The combination of DMDMH, an anti bacterial preservative, with a well accepted paraben combination, supplies the cosmetic product with good coverage of the microbiological spectrum.

Sharomix DHMP is stable over a wide pH range and up to 70°C. However, prolonged exposure to alkaline conditions and/or elevated temperatures should be avoided.

Sharomix DHMP is suitable for the preservation of both leave -on and rinse-off products. This product is compatible with cationic, anionic, and noionic surfactants.

The recommended use concentrations are in the range of 0.3% - 1%.

Sharomix DHMP INCI

DMDM Hydantoin, Methylparaben, Propylparaben, Propylene Glycol

Appearance

Transparent to slightly yellow liquid

Halogen free

MINIMUM INHIBITION CONCENTRATIONS (MIC) OF SHAROMIX DHMP

| Microorganism | Type | MIC (ppm) |
|----------------|-----------------|-----------|
| E. coli | Bacteria Gram - | 875 |
| B. cepacia | Bacteria Gram - | 625 |
| P. aeruginosa | Bacteria Gram - | 875 |
| S. aureus | Bacteria Gram + | 750 |
| S. epidermidis | Bacteria Gram + | 938 |
| A.niger | Mold | 2250 |
| C. albicans | Yeast | 3000 |