



24 Madison Road, Fairfield, New Jersey 07004 USA
Tel: 800-771-JEEN (5336) Tel: 973-439-1401 Fax: 973-439-1402
email: info@jeen.com Website: www.jeen.com

JEECHEM TRICLOSAN USP
(2,4,4' -TRICHLORO-2' -HYDROXY ETHER)

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| Appearance @ 25°C: | White to Dull White Crystalline Powder |
| Color | White to Off-White |
| Odor: | Fine Aromatic |
| Identity A and B: | Conforms |
| Completeness of Solution: (1.4g in 10 ml of acetone): | Clear |
| Assay, %: | 97.0 - 103.0 |
| Related Compounds: | -- |
| Individual Impurity, %: | 0.1 Maximum |
| Total Impurities, %: | 0.5 Maximum |
| Phenolic Impurities: | -- |
| Parachlorophenol, ppm: | 50.0 Maximum |
| 2,4 - Dichlorophenol, ppm: | 10.0 Maximum |
| Organic Impurities: | -- |
| 2,8-Dichlorodibenzo p-dioxin: | 0.50 ppm Maximum |
| 1,3,7-Trichlorodibenzo p-dioxin: | 0.25 ppm Maximum |
| 2,8-Dichlorodibenzofuran: | 0.25 ppm Maximum |
| 2,4,8-Trichlorodibenzofuran: | 0.50 ppm Maximum |
| 2,3,7,8-Tetrachlorodibenzofuran: | 1.0 ppt Maximum |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin: | 1.0 ppt Maximum |
| Total Heavy Metals: | 20.0 ppm Maximum |
| Water, %: | 0.10% Maximum |
| Melting Point, Deg. C: | 56.0 - 58.0 |

SOLUBILITY

JEECHEM TRICLOSAN USP IS SPARINGLY SOLUBLE IN WATER, MODERATELY SOLUBLE IN DILUTE ALKALINE SOLUTIONS AND READILY SOLUBLE IN MOST ORGANIC SOLVENTS. CLEAR CONCENTRATED FORMULATIONS CAN BE PREPARED WITH WATER MISCIBLE SOLVENTS OR SURFACTANTS.

USES:

AS A BACTERIOSTAT AND PRESERVATIVE FOR COSMETIC AND DETERGENT PREPARATIONS LIKE SHAMPOOS, FACE CREAMS, OINTMENTS, SOAPS ETC. IT HAS ALSO BEEN USED IN TOOTHPASTE TO FIGHT PLAQUE CAUSING BACTERIA.

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