

Technical Bulletin

HUNTSMAN

JEFFSOL[®] ALKYLENE CARBONATES In Tub & Tile Cleaner Formulations

JEFFSOL[®] Alkylene Carbonates find utility in numerous cleaning applications. One such application is in hard surface cleaners; more specifically tub & tile cleaning applications. The current trend in the market today is for clear/scrub-free tub & tile cleaners. One can formulate a clear/scrub-free cleaner with JEFFSOL[®] Alkylene Carbonates, glycol ether, water and an activator. The formulations listed below perform as well as or better than products currently available in the market today.

JEFFSOL[®] Alkylene Carbonates have very low toxicity, low color, low odor, low VOC and are environmentally friendly. As a matter of fact, JEFFSOL[®] Propylene Carbonate is widely used in the personal care industry. JEFFSOL[®] Alkylene Carbonates also have high flash points. All of these characteristics make JEFFSOL[®] Alkylene Carbonates a favorable, environmentally friendly solvent in many applications.

The Table below illustrates a few starting formulations developed by Huntsman Corporation. Huntsman Corporation has a technical staff devoted to applications research.

TUB & TILE CLEANER FORMULATIONS (PATENT PENDING)			
JEFFSOL [®] PC	PM	WATER	ACTIVATOR
5.00	5.00	89.98	0.02
2.49	2.49	94.46	0.56
2.48	2.48	94.13	0.91

Note: Activator may be one of the following compounds: citric acid, maleic acid or maleic anhydride.

(PM = propylene glycol methyl ether)

Please note that the formulations listed are only starting formulations and further formulation may be necessary to optimize.

Huntsman also offers a complete line of amines, glycols and anionic surfactants. Contact your local Huntsman Representative for more information.

All formulations and technology listed above is patent pending.