



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

QUEST-DMP

Product Information

Quest-DMP is a DETMP Acid based (Diethylene triamine penta methylene phosphonic acid) sequestering agent. It exhibits excellent sequestration of metal ions. It is a very good peroxide bleach stabilizer for cellulosics and its blends. It has a high chelating action for calcium, magnesium and iron under alkaline conditions and high temperature. It chelates iron impurities thereby preventing catalytic damage and pin-hole marks during peroxide bleaching. It is also suitable for combine scouring and bleaching operation. It is also used in leather chemicals.

Key Features & Benefits

Key Features

High chelation value
for calcium and iron

Good sequestering
action over wide pH

Benefits

Suitable for processing with hard
water and with high iron content

- Suitable for scouring and bleaching
- Suitable for continuous process application

General Characteristics

Physical appearance : Dark brown liquid

Ionic nature : Non ionic

pH of 1% solution : 2 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with nonionic, cationic and anionic products

Stability : Stable to dilute acids and dilute alkalies

Application

1. In scouring, bleaching as well as combined scouring and bleaching of cotton and blends by batch process:

0.5-1 g/l Quest-DMP can be added with usual recipe to prevent white deposits as well as pin-hole marks due to iron. When Quest-DMP is added in the recipe, reduces the concentration of organic stabiliser as it has stabilising action.



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2. For combined scouring and bleaching on continuous bleaching range

0.5-1 gm/kg Quest-DMP is recommended

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
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