



Sarex Chemicals

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

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PRODUCT LITERATURE

CHELATIN-SA

Product Information

Chelatin-SA is a multifunctional auxiliary developed as an efficient sequestering, dispersing (protective colloid) and chelating agent for all stages in wet processing and dyeing of cellulosic and its blends. It can be also used for pre-treatment with Hydrogen Peroxide as a stabiliser in bleach bath. It has excellent Ca & Fe Chelation values even at pH values of 9-11.

Chelatin-SA is a sugar acrylate polymer with a very good biodegradability. It does not increase the COD/BOD values in the effluent.

It is suitable for both batch as well as continuous process.

Key Features & Benefits

Key Features

High chelation value for calcium and iron, even at pH values of 9-11

All in one product

Biodegradable

Versatile

Benefits

Suitable for scouring, bleaching and as a dyebath conditioner

Single product in bleach bath
Can eliminate use of stabiliser

No increase in COD/BOD values

Suitable for exhaust and continuous application

General Characteristics

Physical appearance	: Colourless to yellow to brown viscous liquid
Ionic nature	: Anionic
pH of 1% solution	: 9 +/- 1
Miscibility	: Miscible with water
Stability	: Stable to dilute acids & dilute alkalies
Compatibility	: Compatible with nonionic to anionic products and not compatible with cationic products



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Application

Pre-treatment:

Celldet R	-	0.35-0.5 gpl
Chelatin SA	-	0.4-0.5 gpl
Caustic soda flakes	-	0.5-1.0 gpl
H2O2 (50% (v/v))	-	2 - 2.5 gpl

Treat at 98 deg. C for 45 mins or 110 deg. C for 20-25 mins.

Dyeing:

Exhaust	-	Chelatin SA	-	0.5 to 1 gpl
Continous	-	Chelatin SA	-	1 to 2 gpl

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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