



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tomktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

CHELATIN-SA

Product Information

Chelatin-SA is a phosphorous free sequestering agent suitable for scouring, bleaching, dyeing and washing off of cellulosic and its blends. It can also be used as a demineralizing agent and also act as stabilizer in Hydrogen Peroxide bleach bath. It has excellent Ca & Fe Chelation efficiency values even at pH values of 5-11. It also possess very good dispersing property, hence act as dispersing agent in dyebath. It can also be used as washing off agent.

Chelatin-SA is ecofriendly sequestering agent with very good biodegradability. It shows no de-metallizing effect for heavy metal containing dyes, if used in dyebath. It is suitable for both batch as well as continuous process.

Key Features & Benefits

Key Features

Eco-friendly

Sustainable

Versatile

Benefits

- Caustic dosage in bleaching can be reduced by 10-15%
- lower TDS and COD value in the effluent

- Phosphorous Free

- Single product in bleach bath act as sequestering agent as well as stabilizer
- Dispersing agent in dyebath.
- Very good washing off agent

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



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tomktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

CHELATIN-SA

Compatibility : Compatible with nonionic to anionic products and not compatible with cationic products

Application

Pre-treatment:

Celldet R	-	0.35-0.5%
Chelatin SA	-	0.4-0.5%
Caustic soda flakes	-	1.25-1.5%
H2O2 (50% (v/v))	-	2-2.5%

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

Dyeing:

Exhaust	-	Chelatin SA	-	0.5-1.0 gpl
Continous	-	Chelatin SA	-	3.0-5.0 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]
[Prod.Code : L003463.docx | Last Upd. On : 20/03/24] [PVR]

This is a computer generated report. Hence not signed.