



Technical Literature & Product Specification of

Sulpho Chlorinated Tallow (SCMT)

Sulpho chlorinated Mutton Tallow (SCMT) Fat Liquor made out from Sulphochlorinated mutton tallow can be used in tanned leather and after neutralization of the same with alkali, like ammonia, caustic lye (or) anion in a single step reaction will produce soft and full feed with good grain stability.

The SCMT can be used alone or in combination with SCPW of (10-20%) and can be neutralized with caustic lye of (40-48%) or ammonia to give emulsifiable fatliquors.

When SCMT is used alone a small addition of 1% of Isopropyl alcohol will help to reduce the viscosity of the final product. Addition of 0.5% of Hydrogen peroxide to the reaction mixture below 40°C will reduce the colour of the fat liquor.

The products obtained after complete neutralization is self emulsifying so that the subsequent addition of emulsifier is generally not required.

However to give special effects, sulfated fish oil, mineral oils can be added in combination with an anionic emulsifier can be incorporated.

Leather uppers after tanned with synthetic non vegetables resin tanning agents can be fat liquored for 45 mts at 60 °C in drums from 100 to 120% of batch solution and 5 to 6% of weight of leather by the fat liquor prepared from Sulpho chlorinated Tallow which after drying and finishing by concentration method are characterized by soft, and full feed good grain stability as well as excellent fasteners to tight and oxidations.

Sulpho Chlorinated Tallow (SCMT) - Specification

S.NO	PARAMETRES	PROPERTIES
1	Physical Appearance	BrownClear liquid
2	Specific Gravity at 30°C	1.09
3	Hydrolysable Chlorine	4.10%
4	Sulphur Content	3.75 %
5	Chlorine Content	27 %
6	Viscosity at 30°C	650 cps