

SUPER WET-OT

Leather Auxiliary

Technical Information

Properties :

Anionic wetting agent and detergent based on Di. Octyl Sodium Sulphosuccinate.

Appearance	:	Solid glossy material with a yellow tinge
Character	:	Anionic
Active Content	:	98% ± 2%
pH	:	6.5 – 7.5
Solubility	:	Soluble in hot water, Solubility 60 gms/ltr. At 70 ⁰ C. solubility 15 gms/ltr. At 20 ⁰ C, soluble in most polar and non-polar solvents.
Stability	:	To pH between 5 to 10.0 Excellent with strong acids and alkalies, Hydrolysis takes place in presence of strong acids & alkalies. To hard water excellent. To electrolytes poor.
Compatibility	:	Soluble in water, hard water and solvents. Dispersible in oils

Behaviour :

It is a highly concentrated and powerful, wetting agent and detergent giving an almost instantaneous wetting action on hides, skin and leathers in the pH range indicated. However, it is fairly stable to mild acids and alkalies, its action is most rapid at natural pH and higher temperatures. Due to its foaming properties it is also the best detergent known.

Application :

Due to powerful wetting properties, it is recommended for the wetting back of mineral tanned crust leathers. About 0.2 – 0.5% of SUPER WET-OT on the dry weight gives excellent results without the presence of liquor ammonia. The best procedure is to run the rinsed skin in 500% float at 80⁰C with SUPER WET-OT 2 to 3 hrs. and leave the

skin overnight in the bath. The skins are washed next day and are ready for dyeing. It is also useful in the stripping of vegetable tanned leathers before mineral tanning. About 0.2% SUPER WET-OT on dry weight of skins is recommended, the best way is to run the rinsed leathers with the detergents in the drum for 1 hour and leave overnight in the bath. Next day proceed with stripping with additional alkalies as followed by through washing.

Blue chrome leathers stored in wet condition for a long time can be prewashed with 0.05% of SUPER WET-OT on shaved weight, in warm water to uniformly wet the leathers, this ensures more uniform results in the further processes.

Pelts can be dry drummed with 0.05% of SUPER WET-OT on pelt weight to get rid of the "Scudd" hair roots and lime soaps, etc. This process is popularly known as drum scudding.

Use 0.02% of SUPER WET-OT on the raw salted weight in the soak wash in the drum gives uniform soaking and clean pelts. About the same quantity can also be used in soaking of dry hides. The quantity recommended is 0.01% concentrated on the float used in still wets with intermittent low dry drumming with 0.1% of SUPER WET-OT on the dry weight of skins.

Being soluble in solvents and an instant wetting agent. It can be also used as a penetrating agent in the impregnation coat for corrected grain finishing of upper leathers. About 150-200 gms of methylated spirit or lesser quantities of higher alcohols mixed with 2 to 1 gms. Of SUPER WET-OT per litre of the total impregnation mixture gives instantaneous and deep penetration of the finish. The exact quantity of SUPER WET-OT DEPENDS ON THE ABSORPTIVITY OF THE leathers and has to be worked out by actual trials. In Such impregnation coats the capillary action of SUPER WET-OT is remarkable.

Recommendations are based on our current knowledge and experience but without engagement and warranty.