

SUSTAN G50 is a glutaraldehyde tanning agent.

Properties

Chemical Composition	:	Glutaraldehyde
Appearance	:	Colourless to Yellow Liquid
pH(10% Solution)	:	3.0 – 4.0
Charge	:	---

Features

- SUSTAN G50 improves softness and fullness, resistance to moisture, perspiration and alkalinity, and improves chrome utilization.
- CHROME TANNAGE: Chrome alone will often not meet the desired leather property such as softness and moisture resistance. Use of SUSTAN G50 as retanning agents provides improvements in all of the above areas. In retanning of chrome optimum softness is generally achieved with 3-4 % SUSTAN G50.
- CHROME FREE TANNAGE: SUSTAN G50 can be utilized in many ways to produce FOC leathers, a growing market especially for automotive leathers. SUSTAN G50 can be used in pre tanning or retanning of chrome free metal tannages as well as metal free systems including vegetable extracts and phenolic syntans. In these systems, SUSTAN G50 increases shrinkage temperature and provides a softener, fuller more durable leather. The only limitation of SUSTAN G50 is this lack of light fastness.

Application

SUSTAN G50 application rates vary depending upon the presence of other tanning agents and desired leather properties. However a typical starting point is 2 % active SUSTAN G50 on the weight of pickled or washed stock. SUSTAN G50 should be diluted with approximately equal parts water prior to addition to the tanning float. In order to maximize utilization of these products the float should be minimized. Increasing the concentration improves absorption of the active ingredient and speeds up the tanning reaction. Controlling the pH during SUSTAN G50 addition is important to avoid drawn grain resulting from rapid tanning action, reaction rate increases significantly with increasing pH. An initial pH of 2.5 to 4.0 is acceptable. At completion of tanning the pH can be raised using typical alkaline materials such as MgO.

Storage / Shelf Life

If SUSTAN G50 is stored in Original packing in sealed condition at ambient temperature the product has a shelf life of 6 months. Special care should be taken to close the drums after use. Protect from moisture & sunlight.

Packaging

30 Kgs drum