Technical data sheet

**LEDERLIP ESP**

Fat Liquoring Agent for all types of leathers.

- **Chemical Nature**: Sulphited High Molecular Weight Fatty Ester
- **Appearance**: Brown Free -Flowing Liquid
- **Ionic Nature**: Anionic
- **Active Content**: 60% approximately
- **PH of 10% Emulsion**: 7 to 8
- **Storage stability**: Upto 12 months when properly stored

**PROPERTIES**

**LEDERLIP ESP** has functional characteristics similar to natural sperm oil fatliquors. Inspite of its wax type structure, it is capable of withstanding temperatures as low as 15° C thus exhibiting Favourable viscostatic properties over a wide range of ambient temperatures. It gives fine emulsions in hot and cold water with good stability to acids, salts and hard water.

**LEDERLIP ESP** is capable of emulsifying 25-50% of its own weight of raw oils to form stable emulsions.

**LEDERLIP ESP** gives the same softness, fullness and waxy feel typical of natural sperm oil. Due to its excellent lubrication **Lederlip ESP** can be used as a single fatliquor even upto 20% on the shaved weight without imparting greasiness on the surface of the leather.
SUGGESTED AREAS OF APPLICATION

Lederlip ESP can be used as a single fatliquor even up to the extent of 20% on the shaved weight. Without imparting greasiness on the surface of the leather. When a combination of Lederlip ESP and other fatliquors or unsulphonated oils are to be used, it is preferable to mix them thoroughly. Before dilution.

1. Gloving leather from goat skins
   a) 16 % lederlip ESP
   b) 12 % lederlip ESP
      4 % lederlip SFR

2. Gloving leather from sheep skins
   a) 8 % lederlip ESP
   b) 5 % lederlip ESP
      3 % lederlip SN

3. Suede leather
   a) 8 % lederlip ESP
      3 % lederlip CO
   b) 6 % lederlip ESP
      4 % lederlip SFR

4. Softy upper from cow hides
   3 % lederlip ESP
   2 % lederlip CO
   2 % lederlip SFR

5. Retanned upper leather from cow hides
   3 % lederlip ESP
   2 % lederlip CO
   2 % lederlip FS

The information given is for guidance only and therefore it is offered without obligation.