

Munfix EC

Leather Tanning Chemicals - Beamhouse Formic Acid 85% Substitution

Description

Munfix EC is a bio-degradable, eco-friendly and non-flammable product specially developed for leather industry, as a dye-fixing agent and pH regulator during the tanning process. In comparison with formic acid (which is a non-eco-friendly, toxic and difficult-to-handle product using as a dye-fixing agent), **Munfix EC** gives neither the same harshness (Compared to formic acid) nor does it make any adverse impact on the polymer/fiber structure or luster of the leather during tanning.

Munfix EC also reduces the consumption of auxiliary chemicals, dyes and also effectively fixes the dyes onto the leather, so it reduces the total cost of production. Being a non-polluting and eco-friendly product, using **Munfix EC** reduces the effluent treatment cost as it does not damage the membrane of the effluent treatment plant in comparison with formic acid.

Specification

Appearance	Clear Liquid
Nature	Combination product
Performance	85% Formic Acid (by performance)
Heavy Metals	Less than 20 ppm
Cl	Less than 5 ppm
Fe	Less than 20 ppm
Specific Gravity	1.51 g/cm ³
Solubility	Soluble in water
Boiling Point	141°C

Flash Point	110°C
Flammability	Non-Flammable
Packing	25 and 70 KG PE drums
Safety	According to the best of our experience, it does not have any harmful effect on health
Shelf life	1 year

Applications & Recommendations

For Cow and buff wet blue production: The advantage of using **Munfix EC** in the wet blue stage is as below:

- It accelerates the pickling process.
- It gives uniform chrome tannage, fast penetration and smooth grains.
- It avoids drawn grains and wrinkles in the wet blue stage.
- It has great bleaching property and makes the wet blue brilliance.
- Complete exhaust of the syntans and fat liquors.
- It deeply penetrates the chrome

Advantages

- 1- User/Eco-friendly and cost effective product.
- 2- Specially formulated as a non-polluting product for leather tanneries.
- 3- Easily soluble in water.
- 4- Ensures higher dye depth without affecting the grain surface.
- 5- Effective for pickling, fatliquoring and dye-fixing.
- 6- Giving a better touch, smoothness

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- and great penetration to the leather.
- 7- Being used in the same dosage as Formic Acid 85% and in some cases even less than that.
 - 8- Compatible with other leather chemicals and auxiliaries.
 - 9- Giving much better strength, superb color and excellent finish to the final leather.

Storage Conditions

The product should be well sealed and must be stored in covered area between 5-25°C. Freezing and direct sun light must be avoided.

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