

OROPON[®] MS gran. – Bating agent for soft leathers to optimise cutting yield

Features

OROPON[®] MS gran. is an ammonium free bating agent based on pancreatic enzymes specially formulated as a granulate (low dust formulation).

OROPON[®] MS gran. is best applied between pH 7 and 9.

Handling & storage:

Wear gloves and face mask during handling. **CLOSE SACK TIGHTLY AFTER USE AND STORE IN A DRY PLACE.**

Can be stored for about 2 years (from date of production) if kept in a dry place and protected from heat above 30°C.

Benefits

OROPON[®] MS gran. is especially designed to allow an effective bating process, even on hides and skins which have a poor and sensitive collagen structure, thus providing optimum cutting yield.

OROPON[®] MS gran. slackens the hide structure gently, allowing a deep bating action without loosening the flanks, thereby facilitating the preparation of nappa leather-types, with a very good inner softness.

OROPON[®] MS gran. ensures good scud loosening and grain cleaning.

OROPON[®] MS gran. gives a fine, tight and elastic grain.

Application

OROPON[®] MS gran. is added after the deliming agents.

Deliming agents should be dosed in such a way that the pH value of the bating liquor remains within the optimum pH activity range (pH 7 – 9), whilst providing the desired degree of deliming.

The pH value should not be allowed to drop below 5, since otherwise scud fixation may occur and the outer layers of the pelt, particularly the grain, may be damaged due to acid swelling.

For optimum scud release, compatible surfactants, e.g. **BORRON[®]**, may be added to the bate.

The bating effect is more pronounced at higher temperatures, e.g. 37°C, than at lower temperatures. For a uniform bating effect, extend the bating time at lower temperatures.

Quantities to be used: the following table gives you a general idea (% based on pelt weight)

Raw stock	Leather type	OROPON[®] MSgran.	Bating time
large cattle hides	upholstery	1.0 – 2.0 %	60 – 90 min.
large cattle hides	soft nappa	0.5 – 1.0 %	45 – 60 min.
calf skins	calf nappa	0.3 – 0.8 %	45 – 60 min.
sheep skins	garment	1.0 – 1.5 %	90 – 120 min.
goat skins	garment	2.0 – 2.5 %	180 – 240 min.
pig skins	garment	1.5 – 2.5 %	180 – 300 min.
pig skins	upper leather	1.0 – 2.0 %	90 – 180 min.

OROPON[®] MS gran. – Product characteristics

Trade form at 20°C	granulate
Appearance at 20°C	brownish granules
pH-value (10%)	approx. 7

This information is for guidance only.
A Product Specification is available on request.