DESOAGEN® POU

Major component

- Alkaline compound

Property

- Used in liming, penetrate well giving mild and uniform swelling. Disperse collagen fibril efficiently, solubize interfibrillar substance, open up wrinkles at neck or belly. Reduce part difference, give tight grain with full and even handle, increase usable area. Better performance when used with DESOAGEN LM-5. Suitable for manufacturing leather for shoe upper, upholstery, cushion, garment and so on.
- Effectively disperse and remove scud or dirt, giving clear, smooth grain.
- A substitute for lime, or used with small amount of lime.
- Significantly reduce sludge from liming and save water during liming and deliming, thus reduce pollution and promote green production.

Specification

Appearance(25℃):	Thick paste
Color:	Light blue
pH(10% aqueous solution, 25℃):	⩾13.0

Application

- Recommended process for cow hide shoe upper(in terms of wet salted) :

float: 1.5 room temperature.

DESOAGEN DN	0.1%	
NaHS	0.3~0.5%	
DESOAGEN LM-5	0.8%	Run 30min
Lime ($Ca(OH)_2$)	1.0%	Run 30min and stop for 30 min

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Na_2S	0.5%	Run 60min, filter hairs
NaHS	0.4~0.6%	Run 30min and stop for 30 min
Na_2S	0.3%	Run 15min and stop for 15 min
Na_2S	0.3%	
DESOAGEN POU	0.5%	
Lime ($Ca(OH)_2$)	0.3~0.5%	
DESOAGEN SDP	0.2%	Run/Rest: 15 min/15 min×1, Run/Rest: 5 min/25min×3 or 4.
DESOAGEN POU	1.0%	Run/Rest: 15 min/15 min×1, Run/Rest: 5min/25min×3 or 4
Water (room temperature)	50~100%	
Lime ($Ca(OH)_2$)	0.2%	Run 10 min, then run 5 min every hour. Leave overnight. 24~26 h in total for liming.

- Recommended process for cow hide upholstery (in terms of wet salted): float: 0.5 room temperature

Lime ($Ca(OH)_2$)	0.5%	
DESOAGEN LM-5	1.0%	
DESOAGEN DN	0.1%	Run 60 min
NaHS	0.5%	Run/Rest: 30 min/30 min×1
NaHS	0.5%	Run/Rest: 20 min/20 min×2
Na_2S	0.5%	Run/Rest: 15 min/15 min×2
Na_2S	0.5%	Run/Rest: 15 min/15 min×4

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Lime ($Ca(OH)_2$)	0.5%	Run/Rest: 15 min/15 min×1
Water	50%	
(room temperature)		
DESOAGEN POU	0.5%	Run/Rest: 15 min/15 min×2
DESOAGEN POU	1.0%	Run/Rest: 15 min/15 min×4
Water	150%	
(room temperature)		
Lime ($Ca(OH)_2$)	2.0%	
Na_2S	0.3%	Run 20 min, then run 5 min every half hour. Leave overnight. 25~28 h in total for liming.

- Best performance when **DESOAGEN POU** is mixed with 1:1~1:2 cold or warm water before addition.

Safety

- Strong alkaline. Take note of personal protection.
- Observe all the precautions required for handling chemicals.
- Read attentively and observe all the recommendations in our **Material Safety Data Sheet.**

Transportation and Storage

- The product has a shelf life of at least one year if it is stored in its tightly sealed original packaging at temperatures between 0°C and 25°C.
- This product should be stored in a cool and dry place, lidded and keep upright. Avoid direct exposure to the sun or frost.
- Crystalization, change of hardness, or fading might occur during storage. Properties will not be affected in those cases.
- Re-seal the package immediately after using, use up as soon as possible once the package is opened.
- Read attentively and observe all the recommendations in our **Material Safety Data Sheet.**