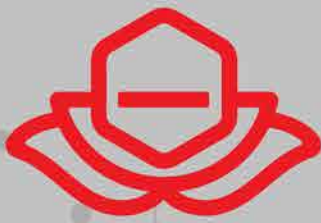


**ROCK CHEMIE**  
*chemically yours*

**START**  
SMART  
CATALOG

**THE BIGGEST  
LEATHER CHEMICAL  
MANUFACTURER IN MIDDLE EAST**



**ROCK CHEMIE**  
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**CHOOSE ONE TO GET  
STARTED:**

▶ **ABOUT US**

**01**

▶ **PRODUCTS**

**02**

▶ **COUNTERTYPE  
PRODUCTS**

**03**

▶ **PACKING**

**04**

▶ **CERTIFICATS**

**05**

▶ **CONTACT US**

**06**

|  
SMART  
CATALOG





**ROCK CHEMIE**  
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ROCK CHEMIE Industrial Group is a producer of specific chemicals needed for several industries such as Oil and Gas, Petrochemical, Water Treatment, Textile, Leather, Detergent, Cosmetic, Concrete, Mining, pesticides, Steel, and Specialty Defoamers. ROCK CHEMIE was established in 1988 by Dr. M. H. Zehtabchian, who is still the Managing Director and the Chairman of the Board, as a private joint-stock company and for the time being by the production of around 700 different types of chemicals in various industries.

ROCK CHEMIE Industrial Complex is located in Eshtehard Industrial Zone, (the main and the largest industrial area, at 130km far from Tehran). Through an integrated management system (ISO9001, ISO14001, ISO45001, ISO10002, and ISO10004), certified by Switzerland SGS, company committed to a range of management systems.

Having exported to 68 countries, ROCK CHEMIE is one of the most prominent pioneers in the field of chemicals exporting. ROCK CHEMIE competent R&D and R&I teams, which spread around the world, has made the company as a knowledge-based firm and capable to customize productions and tailor-made accordingly.



MENU



BACK



**ROCK CHEMIE**  
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## SELECT THE DESIRED PRODUCT:

**01**

**Main Chemicals**

**02**

**Liming and Deliming Agent**

**03**

**Enzymes**

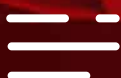
**04**

**Degreasing Agent**

**05**

**Soaking and Wetting Agent**

**CONTINUE** ->>>-



MENU



BACK





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## SELECT THE DESIRED PRODUCT:

**06**

**Antibacterial**

**07**

**Tanning & Retanning Agent**

**08**

**Fatliquor**

**09**

**Lacquer**

**10**

**Wax**

**BACK**



**MENU**



**BACK**



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## MAIN CHEMICALS SELECT THE DESIRED PRODUCT:



**Sodium Sulphide**

01

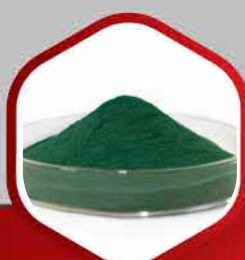
As a hair removal agent for various pelts



**Nanofix Green**

02

Substitution of Formic acid 85%, odorless and colorless, without corrosion effect on human body



**Basic Chromium Sulphate**

03

Tanning agent, hexavalent VI free



MENU



BACK





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## MAIN CHEMICALS

# SODIUM SULPHIDE



**Sodium Sulphide** is a dark yellow, solid flake with a sulfurous smell. It is used in various applications such as Leather tanning, Mining, Pulp and paper industry.

[View Specification](#)

[View Applications  
& Remarks](#)



MENU



BACK



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## MAIN CHEMICALS

# SODIUM SULPHIDE

## SPECIFICATION

Appearance	Dark Yellow Flake
Na <sub>2</sub> S %	60 ± 2
Insoluble (ppm)	< 10
Packing	25 Kgs PE bags
Shelf life	12 months

**View Info**

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MENU



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## MAIN CHEMICALS

# SODIUM SULPHIDE

## APPLICATIONS & REMARKS

Applications are the leather industry (tanning) as a hair removal agent, mining industry (flotation of oxidized and mixed ores: copper, zinc, cobalt, molybdenum, nickel...), pulp and paper industry, metal extraction from aqueous solutions, textile Sulphur dyes) and chemical processing.

**View Info**

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MENU



BACK

**MAIN CHEMICALS**

## NANOFIX GREEN



**Nanofix Green** is an Eco-friendly alternative for industrial grade Formic acid 85% which is commonly used in leather industry.

Appearance	Clear Liquid
Odor	Odorless
Color	Colorless
Flammability	Non-flammable
pH (1:10 Solution)	Max 1
Solubility	Soluble in water
Density (gr/cm <sup>3</sup> )	1.4
Packing	35 Kg's PE Drums & IBC Tank
Shelf life	12 months

**View Application & Remarks**

**View Advantages**





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## MAIN CHEMICALS

# NANOFIX GREEN

## APPLICATION & REMARKS

► **Nanofix Green** is suitable for all kinds of leathers wherever Formic acid 85% is used. It can replace formic 85% in any formulation.

► **Nanofix Green** is exothermal just like any other acids commonly used in tanneries. When water is added, it increases the temperature of the solution during the diluting process.

► **Nanofix Green** (SAFE ACID) should be diluted with water with the portion of 1:10 exactly the same as Formic acid. 10% solution can be safely used to lower the pH during wetting back (re- chroming).

**View Info**

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MENU



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## MAIN CHEMICALS

# NANOFIX GREEN

## ADVANTAGES

- ▶ Non-polluting, eco-friendly and direct replacement for 85% strength Formic acid in any formulations. (No need to change the formulation)
- ▶ An additive which imparts more smoothness to the leather surface than formic acid.
- ▶ Unlike formic acid, this product is not harmful for skin and safe to handle.
- ▶ Smell of acids does not remain in leathers after the final washing step.
- ▶ It produces less hydro & Oxy groups thus the leathers will be stronger and darker in dye shades after fixation.

**CONTINUE** ->>>-

**View Info**

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## MAIN CHEMICALS

# NANOFIX GREEN

## ADVANTAGES

- ▶ It accelerates acid penetration in the pickling stage. It leads to tighter, fuller and smoother grains in wet-blues after chrome tannage.
- ▶ Lower the BOD & COD content in the effluents than Formic acid.
- ▶ It does not lead to evaporate any smell of fumes during the dilution, because the product does not contain Sulfuric, Hydrochloric or Formic acids.
- ▶ This product is NIL (100% free of Formaldehyde)

**BACK**



**View Info**



**MENU**



**BACK**

**MAIN CHEMICALS**

# BASIC CHROMIUM SULPHATE



**Basic Chromium Sulphate** has a high tanning power. It is a drum dried powder in green color which is easily soluble in cold water and very soluble in hot water.

Rock chemie's BCS does not contain hexavalent chrome.

**View Specification**

**View Applications  
& Remarks**



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## MAIN CHEMICALS

# BASIC CHROMIUM SULPHATE

## SPECIFICATION

Appearance	Green Powder
Nature	Basic Chromium Sulphate
Basicity, %	33 – 35
Ionity	Anionic (electrolyte stable)
Cr <sub>2</sub> CO <sub>3</sub> , %:	25 ± 1
Packing	25 KG PE bags
Shelf life	24 months

**View Info**

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## MAIN CHEMICALS

# BASIC CHROMIUM SULPHATE

## APPLICATION & REMARKS

**Basic Chromium Sulphate** can be used in tanning and retanning of any kind of leather including hides or skins. Due to its properties, our product meets all requirements of a good leather tanning of any kinds. Leather made with this product is fine in grain and has a good compactness. It is compatible with other standard products used together with this product.

**View Info**

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**ROCK CHEMIE**  
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**LIMING AND DELIMING AGENT**

**SELECT THE DESIRED  
PRODUCT:**



**Rockaltal RMB**

**01**

An anti-creasing agent



**Epizodel X2**

**02**

Deliming agent which is a combination of Sodium acetate, sodium metabisulfite and common salt



**Rockaltal F**

**03**

An ammonium sulphated based deliming agent



**MENU**



**BACK**



**ROCK CHEMIE**  
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**LIMING & DELIMING AGENT**

## **ROCKALTAL RMB**



**Rockaltal RMB** is a liming auxiliary which can be used instead of Sodium Sulphide and the advantage is that it does not discharge any harmful Sulphide ion in effluent. Also, it makes the pelt cleaner with opening the surfaces and tighter grains.

**View Specification**

**View Applications  
& Remarks**



**MENU**



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**LIMING & DELIMING AGENT**

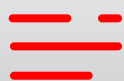
**ROCKALTAL RMB**

**SPECIFICATION**

Appearance	Clear colorless liquid
Nature	Mixture of organic compounds
Solubility	Soluble – Uniform
Solid Content, %	27-29
pH (1:10 Solution)	10.5 $\pm$ 0.5
Density@20° C,gr/cm <sup>3</sup>	1.050 – 1.060
Packing	200 PE Drums
Shelf life	12 Months

**View Info**

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MENU



BACK



**ROCK CHEMIE**  
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**LIMING & DELIMING AGENT**

## **ROCKALTAL RMB**

### **APPLICATIONS & REMARKS**

If **Rockaltal RMB** being used in the process, clean and fine grains and smooth pelts achieved. Even if **Rockaltal RMB** is used in excess rates, it is oxidized immediately by the oxygen of the atmosphere and no harmful substances goes to the effluent.

**View Info**

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MENU



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**ROCK CHEMIE**  
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**LIMING & DELIMING AGENT**

## **EPIZODEL X2**



**Epizodel X2** is a special deliming agent which can be used single for deliming stage in any type of leather, in the drum, paddle or pit.

Pelt delimed with **Epizodel X2** exhibits a clean and flat grain with good tightness.

**View Specification**

**View Applications & Remarks**



MENU



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**LIMING & DELIMING AGENT**

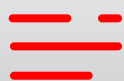
**EPIZODEL X2**

**SPECIFICATION**

Appearance	White free-floating powder
Nature	Combination of low molecular acids and organic and inorganic compounds
Solid Content, %	97-98
pH (1:10 Solution)	5-6
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	0.9-1
Packing	25 Kg's PE Bag
Shelf life	24 months

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**ROCK CHEMIE**  
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**LIMING & DELIMING AGENT**

## **EPIZODEL X2**

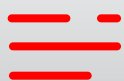
### **APPLICATIONS & REMARKS**

To protect the hides and skins, the necessary amount of the product should be added in 2 or 3 installments. After the required degree of deliming, bating can follow in the same float. Containing Sodium metabisulfite in this substance causes two important properties for this substance which following:

Bleaching wet blue pickled and neutralizing H<sub>2</sub>S gas. Using 0.5% or 1% of this product has two results. First of all, will give you a bleach, soft and smooth pickled with a good touch. The more important matter, this production will neutralize H<sub>2</sub>S gas which probably create and appear during the processing in the paddle, because many of the tanners mix various kinds of productions and may this thing will create.

**View Info**

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**ROCK CHEMIE**  
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**LIMING & DELIMING AGENT**

## **ROCKALTAL F**

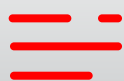


**Rockaltal F** is a special deliming agent which can be used singly for deliming stage in any type of leather, in drum, paddle or pit.

**Rockaltal F** delimes the pelt layer by layer and produces easily soluble calcium salts and is able to dissolve any lime blast which is already existing. It can also be used in short float processes. Pelts delimed with **Rockaltal F** have a clean and flat grain with good tightness.

**View Specification**

**View Applications  
& Remarks**



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**LIMING & DELIMING AGENT**

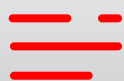
## ROCKALTAL F

### SPECIFICATION

Appearance	White Powder
Nature	Combination of low molecular acids & organic & inorganic compounds
Density (gr/cm <sup>3</sup> )	0.9-1
Solid Content, %	97-98
pH (1:10 Solution)	5-6
Packing	25 Kg's PE Bags
Shelf life	24 months

**View Info**

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BACK

## LIMING & DELIMING AGENT

# ROCKALTAL F

## APPLICATIONS & REMARKS

To protect the hides and skins, the necessary amount of **Rockaltal F** should be added in 2 or 3 portions. After the required degree for deliming, bating can follow in the same float.

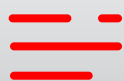
### RECIPE:

1.0-1.5% (Pelt wt.) Cow  
0.5-1.0% (Pelt wt.) Sheep  
1.0-1.5% (Pelt wt.) Goat

After liming and fleshing 300% Water 25°C 15 min  
drain 300% Water 30°C 15 min drain 100% Water  
30°C 0.1% Rockol 642 0.5% Rockaltal F 30 min +50%  
Water 40°C X% Rockaltal F 30-60 min Bating and  
usual processes.

[View Info](#)

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**ROCK CHEMIE**  
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## ENZYMES

**SELECT THE DESIRED  
PRODUCT:**



**Rockenzyme WS-20**

01

An alkaline enzymatic soaking auxiliary for green and salted raw skins



**Rockenzyme 7500-L**

02

A protease alkaline bating agent with 1500 LVU, including salt and ammonium buffers



**Rockenzyme ANWA**

03

It is a protease and other enzymes mixture to expand the area of the crust



MENU



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**ROCK CHEMIE**  
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## ENZYMES

# ROCKENZYME WS-20



**Rockenzyme WS-20** is an enzymatic soaking auxiliary for green and salted raw stock.

[View Specification](#)

[View Applications  
& Remarks](#)



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## ENZYMES

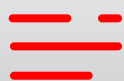
# ROCKENZYME WS-20

## SPECIFICATION

Appearance	White powder
Nature	Pancreatic mixture
Solid Content, %	Min 97
pH (1:10 Solution)	11-12
Solubility	Non-soluble
Density (gr/cm <sup>3</sup> )	0.7-0.8
Packing	25 Kg's PE Bags
Shelf life	24 months

**View Info**

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## ENZYMES

# ROCKENZYME WS-20

## APPLICATIONS & REMARKS

**Rockenzyme WS-20** is added undissolved to the soaking process. Caustic soda or Soda ash can be used to adjust the pH value. The chosen substance should be dosed in such way that the initial pH value of the liquor is 10.0 - 10.5 and the final value pH 9.0 - 9.5.

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## ENZYMES

# ROCKENZYME 7500-L



**Rockenzyme 7500-L** is a protease alkaline bating agent which contains ammonium salts and buffers. **Rockenzyme 7500-L** is suitable for all kinds of pelts. By applying **Rockenzyme 7500-L** the grain clarity and smoothness will be improved and all excess proteins will be dissolved and removed from the hides and skins.

[View Specification](#)

[View Applications  
& Remarks](#)



MENU



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## ENZYMES

# ROCKENZYME 7500-L

## SPECIFICATION

Appearance	Cream Powder
Nature	Protease Alkaline Enzyme
Solid Content, %	Min 97
pH (1:10 Solution)	7-8
Activity, %	1500 LVU
Solubility	Non-Soluble
Density (gr/cm <sup>3</sup> )	0.8 – 0.9
Packing	25 Kg's PE Bags
Shelf life	24 months

**View Info**

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## ENZYMES

# ROCKENZYME 7500-L

## APPLICATIONS & REMARKS

**Rockenzyme 7500-L** is very effective at temperature of 33 - 37°C and pH Value 8.3. Used quantity is different based on the type of pelt and degree of required effect.

### The recommendation for use is:

- 0.5-1.0% (Pelt wt.) Cow
- 0.4-0.6% (Pelt wt.) Sheep
- 0.4-1.3% (Pelt wt.) Goat
- 1.5-2.0% (Pelt wt.) Buffalo

### After liming, fleshing and deliming:

100% Water 37°C

0.1% Rockol 642

X% **Rockenzyme 7500-L** 30-60 min drain

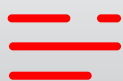
Check bating process & Drain

300% Water 25°C 15 min drain

300% Water 20°C 15 min drain

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## ENZYMES

# ROCKENZYME ANWA



bating agent with anti-wrinkling effect. **Rockenzyme ANWA** is a bacterial protease produced by submerged fermentation of a *Bacillus* Sp. strain especially suitable for wet blue re-bating.

**Rockenzyme ANWA** is an enzyme-based bating agent with an optimum efficiency at a pH range of 3-5.5. It can be used up to temperatures of 55 °C. Its dosage should be around 0.3 - 0.5% of hide and skin weight. In all cases, it is suggested that **Rockenzyme ANWA** should be evaluated in small scale before going full stream in order to detect its best dosage in the process.

[View Specification](#)

[View Application & Remarks](#)



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## ENZYMES

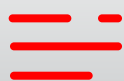
# ROCKENZYME ANWA

## SPECIFICATION

Appearance	Cream powder
Nature	Bacterial Protease
Solid Content, %	Min 97
pH (1:10 Solution)	7-8
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	0.55 - 0.65
Packing	25 Kg's PE Bags
Shelf life	24 months

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## ENZYMES

# ROCKENZYME ANWA

## APPLICATIONS & REMARKS

Wet blue can be treated with **Rockenzyme ANWA** to level out the differences of the raw material and to improve the evenness and shade intensification of the dyeing. Also, when our wet blue needs extra bating, it is getable by this agent.

An acidic bate with **Rockenzyme ANWA** is particularly recommended for wet blue showing a very compact and irregular fiber structure such as calf or goat skins.

It improves the evenness of the leather due to a better opening up of the fibers. Using of **Rockenzyme ANWA** often expands the cuttable area (yield area) to the normally loose belly area.

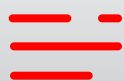
General recommendations for the use of **Rockenzyme ANWA**:

**Pickled sheepskins:** Percentages are based on pickled weight:

**CONTINUE** ->>>-

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**Depickle:**

100% Water 30 °C

5% Salt 10' Be=5

2% Sodium Formate

0.2-0.3% Soda Ash 5'

Add pelts 30'

Drain float

**Bate:**

50-100% Water 30 °C

1-2% Sodium Formate

0.4-0.5% **Rockenzym ANWA**

2% **Rockol DGS-100** (nonionic solvent degreasing agent) or Rockol 642 (nonionic degreasing agent)

90-120' pH=3.5-4

Further processing as usual.

**Wet blue goat skins:****Wash:**

200% Water 40 °C

0.3% Rockol 642

Drain float

20'

**Bate:**

150% Water 40 °C

0.5% **Rockenzym ANWA**

Overnight on automatic

Drain float

Further processing as usual

pH = 3.5-4

**Wet blue calf skins or hides:****Percentages are based on shaved weight:**

After rechroming as usual

**Neutralization:**

150% Water 35 °C

2% Sodium Formate

1-1.5% Neutralization Syntan 60'

0.5-1% Sodium Bicarbonate 3x15'

pH = 5.5

0.5% **Rockenzym ANWA** 90' Drain and washing

Further processing as usual

**BACK****View Info****MENU****BACK**



**ROCK CHEMIE**  
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## ENZYMES

# ROCKENZYME ANWA

## ADVANTAGES

- ▶ Anti-wrinkling properties for both pickled hides and skins and wet blues.
- ▶ Remove the fold marks in pickled skins and wet blues.
- ▶ Noticeably increase the tear strength.
- ▶ Improve the smoothness and softness of grain.
- ▶ Increase the shade intensification of the dying.
- ▶ Increase the yield area (between 3-5%).

**View Info**

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**ROCK CHEMIE**  
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## DEGREASING AGENT

**SELECT THE DESIRED  
PRODUCT:**



**Rapinal B**

01

An eco-friendly nonionic  
degreasing agent  
for beamhouse and  
retannage processes



**Rockol DGS-100**

02

A solvent-based degreasing  
agent with the advantage  
of proper water solubility in  
beamhouse process



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**DEGREASING AGENT**

## **RAPINAL B**



**Rapinal B** is a powerful nonionic degreasing agent suitable for all kinds of hides and skins. It also can be used during the soaking, liming, deliming and bating processes to accelerate them and giving cleaner, smoother and more uniform pelts.

**View Specification**

**View Application & Remarks**



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## DEGREASING AGENT

# RAPINAL B

## SPECIFICATION

Appearance	Clear viscous liquid
Nature	Polyoxy ethylene oxide
Solid Content, %	27-29
pH (1:10 Solution)	7-8
Solubility	Soluble into water
Viscosity cP @ 25 °C,	400 - 600
Packing	PE Drums
Shelf life	12 months

**View Info**

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**ROCK CHEMIE**  
*chemically yours*

**DEGREASING AGENT**

## **RAPINAL B**

### **APPLICATIONS & REMARKS**

**Rapinal B** has outstanding emulsifying and power for fats, fatty acids and dirt of all kinds. It brings about more even distribution of fats and facilitates penetration of the chemicals. It can be used in alkaline and acid pH range. It dissolves equally well and quickly in both cold and warm water.

**Rapinal B** is free of alkyphenol (AP) and alkyphenol ethoxylates (APEO) and biodegradable.

#### **Our recommendation for use:**

Sheep pelts: 3-4% (based on weight)

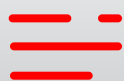
#### **without using of solvent:**

Sheep pickled: 2.5-3% (based on pickled weight) without using of solvent.

In soaking, deliming and bating: 0.3 - 0.5%. If solvent is being used together with the **Rapinal B** for degreasing, the dosage of consumption of **Rapinal B** can be decreased up to 40%.

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**ROCK CHEMIE**  
*chemically yours*

**DEGREASING AGENT**

## **ROCKOL DGS-100**



**Rockol DGS-100** is a very strong nonionic solvent-based degreasing agent in leather industry. It is mainly used in wet-blue processing. It extracts and emulsifies excess fats and impurities from the skin.

**View Specification**

**View Applications  
& Remarks**



MENU



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**DEGREASING AGENT**

**ROCKOL DGS-100**

**SPECIFICATION**

Appearance	Colorless to slightly yellow clear liquid
Nature	Polyethylene ether solvent based
pH (1:10 Solution)	7.5 – 8
Solubility	Soluble in water or inorganic solvents (Milky-Emulsion)
Density (gr/cm <sup>3</sup> ) @ 20°C	0.835 – 0.845
Packing	PE Drums
Shelf life	12 months

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**ROCK CHEMIE**

*chemically yours*

**DEGREASING AGENT**

## **ROCKOL DGS-100**

### **APPLICATIONS & REMARKS**

**Rockol DGS-100** degreases the hides/skins by its high penetration effect in all types of pickled and wet-blue processing with a very high degreasing property for removing excess fats and impurities during degreasing and chrome tanning.

Due to the solvent content, it does not need any additional solvents for degreasing. For higher powers it is recommended to combine this product with a nonionic degreasing agent like Rockol 642 up to 1.5%. It is mainly used for high greasy skins like Sheep.

**The recommended dosage is:**

1.5 - 2.0 % (Pickled wt.) Sheep

0.3 - 0.6 % (Pickled wt.) Goat

0.2 - 0.5 % (Pickled wt.) Cow

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**ROCK CHEMIE**  
*chemically yours*

## SOAKING AND WETTING AGENT

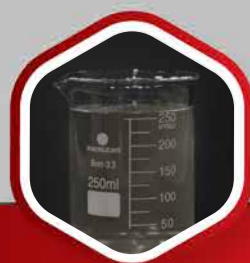
### SELECT THE DESIRED PRODUCT:



**Rockol L-251**

01

A anionic soap as a wetting agent, proper for soaking process



**Rockapon WTO**

02

A very strong wetting agent with a very high penetration. For wetting the dry and fresh pelts



MENU



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**ROCK CHEMIE**  
*chemically yours*

**SOAKING & WETTING AGENT**

## **ROCKOL L-251**



**Rockol L-251** is an anionic soaking and wetting agent which is used in washing and soaking stages.

**View Specification**

**View Applications & Remarks**



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**ROCK CHEMIE**

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## SOAKING & WETTING AGENT

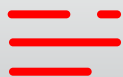
# ROCKOL L-251

## SPECIFICATION

Appearance	Yellowish Clear Liquid
Nature	Alkyl Aryl Sulfonate
Solid Content, %	27-30
pH (1:10 Solution)	6.5 - 7.5
Solubility	Soluble into water
Viscosity cp @ 25°C	300 - 600
Packing	PE Drum
Shelf life	12 months

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**ROCK CHEMIE**  
*chemically yours*

## SOAKING & WETTING AGENT

# ROCKOL L-251

## APPLICATIONS & REMARKS

**Rockol L-251** is a good washing and wetting agent in soaking stage for all kinds of skins. It can be used as a strong anionic soap to remove all dirt and impurities from the skins during soaking process. As a good emulsifier, it prepares the skins for the next step and after drying, the wool of sheep will be cleaner and brighter than usual process. The dosage of consumption is between 0.3- 0.7% based on raw weight.

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**ROCK CHEMIE**  
*chemically yours*

**SOAKING & WETTING AGENT**

## **ROCKAPON WTO**



**Rockapon WTO** is the most powerful wetting agent, which is easily soluble in water and has a very good penetrating power. It is effective in acids, mild alkalis, neutral media and hard water. It can be used in leather soaking process as a very powerful wetting agent.

**View Specification**

**View Applications  
& Remarks**



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## SOAKING & WETTING AGENT

# ROCKAPON WTO

## SPECIFICATION

Appearance	Pale Yellow Clear Liquid
Nature	Sulphited Alcohol Based
pH (1:10 Solution)	6 - 7
Solubility	Soluble in water at any ratio
Density, (gr/cm <sup>3</sup> ) @ 20°C	1.040 – 1.050
Viscosity cp @ 25°C	87
Packing	PE Drums
Shelf life	12 months

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**ROCK CHEMIE**  
*chemically yours*

**SOAKING & WETTING AGENT**

## ROCKAPON WTO

### APPLICATIONS & REMARKS

**Rockol WTO** is especially recommended for Soaking of dry & wet salted skins or hides.

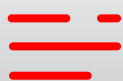
Dosage: 0.5 - 1% for wet salted skins or hides.

1 - 2% for dry salted and dry hides or skins.

It is better to use antibacterial products like **Negahdar IST-WB** during soaking stage.

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**ROCK CHEMIE**  
*chemically yours*

## ANTIBACTERIAL

### SELECT THE DESIRED PRODUCT:



**Negahdar IST-WB**

01

A suitable antibacterial  
agent with phenol  
derivatives



MENU



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**ROCK CHEMIE**  
*chemically yours*

**ANTIBACTERIAL**

## **NEGAHDAR IST-WB**



**Negahdar IST-WB** is an antibacterial for protection of wet blue against bacteria attack. It is a suitable preservative during soaking, pickling, tanning and etc. **Negahdar IST-WB** is free of PCP and also is a biodegradable product. It will be destroyed in high alkaline medias and sulfide containing liquors.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**ANTIBACTERIAL**

**NEGAHDAR IST-WB**

**SPECIFICATION**

Appearance	Clear yellow Liquid
Nature	Phenol derivatives (Free from PCP)
pH (1:10 Solution)	7.5 – 8.5
Solubility	Soluble into water
Packing	PE Drum
Shelf life	12 months

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**ROCK CHEMIE**  
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**ANTIBACTERIAL**

## **NEGAHDAR IST-WB**

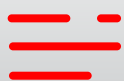
### **APPLICATIONS & REMARKS**

**Negahdar IST-WB** is specially used in the main soaking and retanning process. Degreasing plays a very important role in using this product. It can be used also for raw materials by spraying or mixing with salts and applying.

Our recommendation for use is:  
Soaking Up to 0.05% based on raw weight

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**ROCK CHEMIE**  
*chemically yours*

## TANNING AND RETANNING AGENT SELECT THE DESIRED PRODUCT:



**Rockytan VEG-420**

01

A full vegetable and free of any synthetic and mineral chemicals tanning agent



**Rockytan RR7**

02

A resin tanning agent, based on DCDA, with a strong filling effect on loose parts like bellies



**Rockytan RHMN**

03

A retanning agent, based on amino resins, for the retanning of all types of leathers



**Rockytan NLB**

04

A melamine and phenol copolymer syntan with softness, tightness and good filling properties

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CONTINUE



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**ROCK CHEMIE**  
*chemically yours*

## TANNING AND RETANNING AGENT SELECT THE DESIRED PRODUCT:



**Rockytan ROS**

05

A phenol based syntan for the retanning of chrome and vegetable tannage



**Rockytan RAB**

06

A phenolic condensation product, used in any white and soft leathers



**Rockytan RP2**

07

Naphthalene based synthetic retanning agent which can be used in any type of leather.



**Rockytan RD**

08

A pure melamine syntan with steady softness and fullness effects

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**ROCK CHEMIE**  
*chemically yours*

## TANNING AND RETANNING AGENT SELECT THE DESIRED PRODUCT:



**Rockytan RPAK**

09

A neutralizing syntan, which keeps the pH in a proper range



**Rockytan RE-808**

10

A homopolymer acrylic syntan with 20% activity



**Rockytan RE-600**

11

A copolymer acrylic syntan with 40% activity



**Rockytan RAL**

12

Aluminum Tri formate based syntan

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**ROCK CHEMIE**  
*chemically yours*

## TANNING AND RETANNING AGENT SELECT THE DESIRED PRODUCT:



**Forminat L -191**

13

Sodium Formate substitution

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN VEG-420**



**Rockytan VEG-420** is a vegetable tanning agent which has high effects on the tanning of various kind of leather.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

**ROCKYTAN VEG-420**

**SPECIFICATION**

Appearance	Free floating Beige & Brown Powder (2 colors)
Nature	Extraction of Oak and Root of Trees
Solubility	Soluble into water
pH (1:10 Solution)	$8 \pm 0.5$
Density (gr/cm <sup>3</sup> ) 23 °C	0.4 – 0.6
Packing	25 Kg's Bags
Shelf life	24 months

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

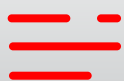
## **ROCKYTAN VEG-420**

### **APPLICATIONS & REMARKS**

- ▶ It is fully vegetable based syntan
- ▶ It is free of any chemicals or synthetic tanning agent
- ▶ It can be used with various kinds of vegetable and non-vegetable tanning and retanning agents
- ▶ It does not create any bad smell on the crust and made article

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RR7**



**Rockytan RR7** is a resin tanning agent with a selective filling effect, especially on loose parts like bellies which can be used in any type of leather.

**View Specification**

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& Remarks**

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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

**ROCKYTAN RR7**

**SPECIFICATION**

Appearance	Beige Powder
Nature	Resin tanning agent
Ionity	Anionic
pH (1:10 Solution)	8 ± 0.5
Density (gr/cm <sup>3</sup> )	0.6 – 0.7
Packing	25 Kg's PE Bags
Shelf life	24 months

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**TANNING & RETANNING AGENT**

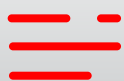
## ROCKYTAN RR7

### APPLICATIONS & REMARKS

**Rockytan RR7** imparts the leather a very good filling. **Rockytan RR7** improves the buffing and embossing properties and gives a favorable response to finishing. The consumption rate varies with the type of leather and is about 2-4% (based on the shaved weight) after neutralization and dyeing.

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RHMN**



**Rockytan RHMN** is a retanning agent, based on amino resins, for the retanning of all types of chrome leathers.

**Rockytan RHMN** brings an increase in leather fullness, especially for the looser structured areas of the hide.

**Rockytan RHMN** improves the grain tightness, encourages the buffing and printing properties and improves the dye leveling.

**View Specification**

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& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

**ROCKYTAN RHMN**

**SPECIFICATION**

Appearance	Beige powder
Nature	Amino resin
Solid Content, %	Min 97
pH (1:10 Solution)	8-9
Solubility	Non-soluble
Density (gr/cm <sup>3</sup> )	0.6 – 0.7
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

## **ROCKYTAN RHMN**

### **APPLICATIONS & REMARKS**

In retanning process, between 3 and 6 % of **Rockytan RHMN**, based on the shaved weight, it is recommended.

**Rockytan RHMN** is not stable under pH 4.0. Therefore, **Rockytan RHMN** should be applied after the neutralization stage.

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN NLB**



**Rockytan NLB** is a synthetic retanning agent which is based on copolymer of melamine and sulphited phenol. It is suitable to be used in retanning process before and after fatliquoring.

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& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

**ROCKYTAN NLB**

**SPECIFICATION**

Appearance	White powder
Nature	Melamine & Phenol Copolymer
pH (1:10 Solution)	$5 \pm 0.5$
Solubility	Soluble
Density (gr/cm <sup>3</sup> )	0.5 – 0.6
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**  
*chemically yours*

## TANNING & RETANNING AGENT

# ROCKYTAN NLB

## APPLICATIONS & REMARKS

- ▶ Proper for both hides and skins.
- ▶ High light resistance.
- ▶ No effect on color shades in drum.
- ▶ Finished leather is completely soft with good feeling touch.
- ▶ It can be used before and after fatliquoring in tanning and retanning phase.
- ▶ We recommend that **Rockytan NLB** be used in white crusts or even in other light color crusts and dark color, because it does not make any problem in the different types of the color shades.
- ▶ Tanners could avoid all the problems by adjusting pH carefully in order to produce a high-quality finished leather.

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN ROS**



**Rockytan ROS** is a general-purpose replacement syntan for the retanning of chrome leather containing formaldehyde and vegetable tannage.

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& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

**ROCKYTAN ROS**

**SPECIFICATION**

Appearance	White powder
Nature	Phenolic Replacement Syntan
Ionity	Anionic
Solid Content, %	Min 97
pH (1:10 Solution)	2-3
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	0.5-0.6
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**

*chemically yours*

## TANNING & RETANNING AGENT

# ROCKYTAN ROS

### APPLICATIONS & REMARKS

**Rockytan ROS** can be diluted with both cold and warm water. It is suitable for all types of leathers.

**Rockytan ROS** gives almost a white leather with a medium firm handle. As it has low astringency, the fine pattern of the grains is preserved.

**Rockytan ROS** imparts a soft handle to the leather and along with the vegetable tannings, it brightens the color of leather. It also has a great levelling effect on dyes.

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RAB**



**Rockytan RAB** is a phenolic condensation product, which can be used in any white and soft leathers. It also imparts them a good fullness and light-fastness.

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& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

**ROCKYTAN RAB**

**SPECIFICATION**

Appearance	White powder
Nature	Phenol Condensation
pH (1:10 Solution)	2-3
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	0.4 – 0.5
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RAB**

### **APPLICATIONS & REMARKS**

**Rockytan RAB** is suitable for all kinds of leathers, and to ensure that the good lightfastness can be achieved by this product, it is necessary to make sure that the other used chemicals such as syntans and fatliquors are lightfastness as well. The dosage of consumption is 2-4% (based on the wet blue shaved weight).

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RP2**



**Rockytan RP2** is a weakly acid, naphthalene based synthetic retanning agent which can be used in any type of leather.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

**ROCKYTAN RP2**

**SPECIFICATION**

Appearance	Beige powder
Nature	Naphthalene Based Synthetic
Ionity	Anionic
Solid Content, %	Min 97
pH (1:10 Solution)	3.5
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	0.5 – 0.6
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**  
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**TANNING & RETANNING AGENT**

## **ROCKYTAN RP2**

### **APPLICATIONS & REMARKS**

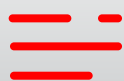
If **Rockytan RP2** being used with Rockytan RR7 or vegetable tanning agents, it will make a bleaching effect on dye. It is recommended to be used alone or in combination with other chemicals for white crusts.

**Rockytan RP2** can be used in neutralization with other neutralizing agents like sodium formate and bicarbonate to decrease the superficial deposition of retanning materials. The consumption rate varies with the type of leather and is about 1-7% (based on the shaved weight) after neutralization and dyeing.

**Rockytan RP2** also makes great dispersing impact on dyestuffs, amino resins and replacement syntans.

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RD**



**Rockytan RD** has strong filling properties and also levels out fullness differences in the various parts of hide.

**Rockytan RD** has a positive effect on grain tightness. And fine milling pattern can be obtained by using this product.

**View Specification**

**View Application & Remarks**



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**ROCK CHEMIE**  
*chemically yours*



**TANNING & RETANNING AGENT**

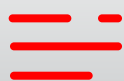
**ROCKYTAN RD**

**SPECIFICATION**

Appearance	Off-white powder
Nature	Melamine condensation
pH (1:10 Solution)	7-8
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	0.5 – 0.6
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**  
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**TANNING & RETANNING AGENT**

## **ROCKYTAN RD**

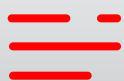
### **APPLICATIONS & REMARKS**

**Rockytan RD** improves fluffing, appearance, therefore suitable to be employed to treat Nubuck and velvet leathers.

**Rockytan RD** is easily soluble in hot and cold water and will be produced. a limpid slightly alkaline solution. Its stability cannot be guaranteed in pH lower than 3. Therefore, it is recommended to employ it only after neutralization. Retanning of Cowhide wet blue/shoe upper leather.

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RPAK**



**Rockytan RPAK** is a lightfastness, anionic retanning material in powder form with a pronounced neutralizing and buffering effect and excellent dyeing properties.

**View Specification**

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& Remarks**



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**ROCK CHEMIE**  
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**TANNING & RETANNING AGENT**

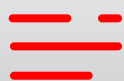
## ROCKYTAN RPAK

### SPECIFICATION

Appearance	Beige powder
Nature	Organic & inorganic compounds
Ionity	Anionic
Solid Content, %	Min 97
pH (1:10 Solution)	$6.5 \pm 0.5$
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	$0.65 \pm 0.5$
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**  
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## TANNING & RETANNING AGENT

# ROCKYTAN RPAK

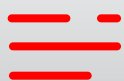
## APPLICATIONS & REMARKS

**Rockytan RPAK** has very good neutralizing capacity. It has excellent lightfastness.

**Rockytan RPAK** can be used single in neutralization process. It is used as neutralizing tanning and retanning materials for Aniline, Nubuck, Suede and other types of leather, where full colors, brilliance, levelness, lightfastness and heat resistance are desired. Its better application occurs, when it's used between Sodium formate and bicarbonate about 1.5 – 2% for 45-60 minutes.

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RE-808**



**Rockytan RE-808** is an acrylic retanning agent for full chrome leathers. It is compatible with synthetic and vegetable tanning agents, fatliquors, anionic dyes and other products.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
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## TANNING & RETANNING AGENT

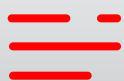
# ROCKYTAN RE-808

### SPECIFICATION

Appearance	Colorless Viscose Liquid
Nature	Acrylic
pH (1:10 Solution)	6 - 7
Solubility	Soluble into water
Viscosity cp@ 25 °C	700-1000
Packing	PE Drums
Shelf life	12 months

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**ROCK CHEMIE**

*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RE-808**

### **APPLICATIONS & REMARKS**

**Rockytan RE-808** is applied with other types of Rockytans to obtain full and soft leather.

**Rockytan RE-808** acts as a very good filling agent for flanks of the skins or hides. Before retannage, the leathers must be neutralized well. In the case of vacuum drying, small dosage of this product at the top, makes the grains very fine and glossy and fixes the other chemicals. The dosage of consumption depends on the type of the leather and varies between 2-8% (based on the shaved weight).

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**ROCK CHEMIE**  
*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RE-600**



**Rockytan RE-600** is a copolymer retanning agent based on acrylic monomers. It plays a very important role in filling of the loose bellies.

**Rockytan RE-600** helps to improve buffing characteristic on suede leathers as well.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



## TANNING & RETANNING AGENT

# ROCKYTAN RE-600

### SPECIFICATION

Appearance	Clear yellow liquid
Nature	Acrylic
pH (1:10 Solution)	7.8 – 8.2
Solubility	Soluble into water
Viscosity cP @ 23 °C	2000 ± 300 cp
Density (gr/cm <sup>3</sup> ) 23 °C	1.250 - 1.300
Packing	PE Drums
Shelf life	12 months

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**ROCK CHEMIE**

*chemically yours*

**TANNING & RETANNING AGENT**

## **ROCKYTAN RE-600**

### **APPLICATIONS & REMARKS**

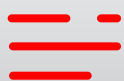
**Rockytan RE-600** makes leather, very soft and fulfill.

**Rockytan RE-600** is a very good retanning agent for all types of leathers. it also has a great lightfastness property in white crusts. It is notable that before retannage, the leathers must be neutralized well.

The dosage of consumption depends on the type of leather and varies between 2- 8% (based on the shaved weight).

**View Info**

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**ROCK CHEMIE**  
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**TANNING & RETANNING AGENT**

## **ROCKYTAN RAL**



**Rockytan RAL** is an aluminum tanning agent which can be used for all types of leather.

**View Specification**

**View Applications  
& Remarks**



MENU



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**ROCK CHEMIE**  
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**TANNING & RETANNING AGENT**

**ROCKYTAN RAL**

**SPECIFICATION**

Appearance	White powder
Nature	Pure crystallized aluminum tri-formate
pH (1:10 Solution)	$3.5 \pm 0.5$
Solubility	Soluble in both cold and warm water
Density (gr/cm <sup>3</sup> )	0.45 – 0.55
Packing	25 Kg's PE Bags
Shelf life	24 months

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**ROCK CHEMIE**  
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## TANNING & RETANNING AGENT

# ROCKYTAN RAL

### APPLICATIONS & REMARKS

**Rockytan RAL** can be used in production of white leathers, fixing dyestuffs and increasing dyeing brilliance. It also improves nubuck and suede due to good buffability.

**Rockytan RAL** is compatible with mineral tanning agents. It also has limited compatibility with anionic tanning agents and dyestuffs.

**If Rockytan RAL** being used along with chrome tanning agents in the main tannery stage, the produced leather will have a very light color and a very fine flat grain.

▶ In the retanning based on the shaved weight:  
1-3 % **Rockytan RAL**

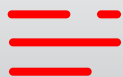
▶ For increasing the color shade after the fixing with acid:

0.3-1 % **Rockytan RAL**

▶ For fixation of hydrophobic agents:  
2-3 % **Rockytan RAL**

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**ROCK CHEMIE**  
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**TANNING & RETANNING AGENT**

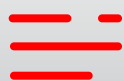
## **FORMINAT L -191**



**Forminat L -191** is a particular suited neutralizing agent for chrome processing.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
*chemically yours*



## TANNING & RETANNING AGENT

# FORMINAT L -191

### SPECIFICATION

Appearance	Off-White powder
Nature	Sodium salt of organic chemicals
pH (1:10 Solution)	8.0 – 8.8
Solubility	Soluble into water
Density (gr/cm <sup>3</sup> )	0.8
Packing	25 Kg's Bags
Shelf life	24 months

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**ROCK CHEMIE**  
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**TANNING & RETANNING AGENT**

## **FORMINAT L -191**

### **APPLICATIONS & REMARKS**

**Forminat L -191** is specifically made for leather processing, which is substituted of Sodium formate with desired result for leather industry.

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**ROCK CHEMIE**  
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## FATLIQUOR SELECT THE DESIRED PRODUCT:



**Rockol RSL**

01

An anionic fatliquor, based on sulphited vegetable and synthetic oils which gives a good fulness, softness and weight to leather



**Rockol ATLAS**

02

A universal fatliquor, based on sulphited vegetable oils with great softness and smoothness, which can be used in all types of light leather



**Rockol FM222**

03

A general-purpose anionic marine-oil-based fatliquor



**Rockol SAPIROM**

04

Sulphited synthetic and vegetable oils based fatliquor, with high penetration effect and giving a great softness to both surface and in-depth

1

2

3

**CONTINUE**



**MENU**



**BACK**





**ROCK CHEMIE**  
*chemically yours*

## FATLIQUOR SELECT THE DESIRED PRODUCT:



**Rockol RUF**

05

A fatliquor, based on sulphited synthetic and natural oils with high fastness and softness to the grain



**Rockol CS-414**

06

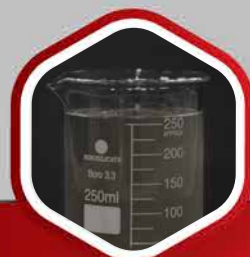
A synthetic fatliquor, which has high penetration and solubility plus uniform dispersion and moderate to high softness effect



**Rockol LNE-918 plus**

07

Lecithin along with sulphited marine oil based fatliquor, which gives softness, weight, fulness and very good touch on light and heavy leathers.



**Penator 550-S**

08

A supplementary fatliquor to help emulsification and penetration of other oils in waters with high hardness

← **BACK**

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**2**

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**CONTINUE** →



**MENU**



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**ROCK CHEMIE**  
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## **FATLIQUOR** **SELECT THE DESIRED** **PRODUCT:**



**Rockol MSO-250**

09

Sperm marine sulphited oil based fatliquor, which gives softness, weight, fulness and very good touch on light and heavy leathers.

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MENU



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**ROCK CHEMIE**  
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**FATLIQUORS**

**ROCKOL RSL**



**Rockol RSL** is an anionic sulphited natural and vegetable leather fatliquor, which is suitable for making soft leather gloves, suedes and also nubuck.

**View Specification**

**View Applications  
& Remarks**



MENU



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## FATLIQUORS

# ROCKOL RSL

## SPECIFICATION

Appearance	Clear Red wine Liquid
Nature	Sulphited Natural and Vegetable Oils
Solid Content, %	80-82
pH (1:10 Solution)	6 – 6.5
Solubility	Soluble into water
Packing	PE Drums
Shelf life	12 months

**View Info**

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**ROCK CHEMIE**  
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## FATLIQUORS

# ROCKOL RSL

### APPLICATIONS & REMARKS

- ▶ It gives fullness to leather
- ▶ It increases the strength tear
- ▶ It gives mellow handling, softy velvet Touch
- ▶ It is sustainable against electrolytes
- ▶ It does not effect on dyeing shade
- ▶ It can be used alone (except crusts)
- ▶ Chrome Tanning Stage
- ▶ Main Fatliquoring Stage
- ▶ Sheep Nappa: 8%
- ▶ Goat gloves: 10%
- ▶ Goat lining: 4-5%
- ▶ Cow upper (softy): 7%

**View Info**

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**FATLIQUORS**

**ROCKOL ATLAS**



**Rockol ATLAS** is a universal fatliquor based on sulfonated natural oils which can be used in all types of hides and skins.

It gives a great softness to the leather and fills it at the same time and as a result the smoothness could be felt.

**View Specification**

**View Applications  
& Remarks**



**FATLIQUORS**

## ROCKOL ATLAS

### SPECIFICATION

Appearance	Dark Brown viscose Liquid
Nature	Sulfonated natural oil
Solid Content, %	49 – 51
pH (1:10 Solution)	5.5 – 6.5
Solubility	Soluble into water
Packing	PE Drums
Shelf life	12 months

**View Info**

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**ROCK CHEMIE**

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**FATLIQUORS**

## **ROCKOL ATLAS**

### **APPLICATIONS & REMARKS**

**Rockol ATLAS** can be used for the processing of all types of hides and skins.

**Rockol ATLAS** is used for leather shoe uppers, garments and gloves in the main fatliquoring step, alone or along with other fatliquors to obtain higher softness in crusts.

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**ROCK CHEMIE**  
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**FATLIQUORS**

## **ROCKOL FM-222**



**Rockol FM-222** is a general-purpose anionic marine-oil-based fatliquor having high fat content and suitable for all kinds of leather.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
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**FATLIQUORS**

## ROCKOL FM-222

### SPECIFICATION

Appearance	Brownish clear liquid
Nature	Sulphited odorless marine oil
pH (1:10 Solution)	$6.5 \pm 1$
Solubility	Soluble
Packing	PE Drums
Shelf life	12 months

**View Info**

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**ROCK CHEMIE**

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**FATLIQUORS**

## ROCKOL FM-222

### APPLICATIONS & REMARKS

Due to its excellent softening properties, **Rockol FM-222** can be used on a wide range of leathers like lining, upper, upholstery, nappa, gloves, clothing and etc. **Rockol FM-222** can be added during chrome tanning, either before or after the addition of chrome powder. The consumption rate of the product depends on the type of the leather and is 2-4% (based on the shaved weight) and 0.3-0.5 based on the pelt weight in chrome tanning process.

#### Stability

Acetic Acid	Excellent
Formic Acid	Excellent
Sulphuric Acid	Good
Sodium Bicarbonate	Excellent
Ammonia	Excellent
Sodium Chloride	Good
Chromium Salt	Good

**View Info**

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**ROCK CHEMIE**  
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**FATLIQUORS**

## **ROCKOL SAPIROM**



**Rockol SAPIROM** is a synthetic & vegetable based sulphited fatliquor which can be used single, or as a combination consisting of other fatliquors in any types of leather manufacturing.

**View Specification**

**View Applications  
& Remarks**



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## FATLIQUORS

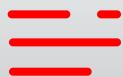
# ROCKOL SAPIROM

### SPECIFICATION

Appearance	Clear light orange liquid
Nature	Condensation of synthetic and vegetable oils
Solid Content, %	59-63
pH (1:10 Solution)	5 – 6.5
Solubility	Soluble in any ratio for both cold & hot water
Packing	PE Drums
Shelf life	12 months

**View Info**

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**ROCK CHEMIE**  
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## FATLIQUORS

# ROCKOL SAPIROM

## APPLICATIONS & REMARKS

**Rockol SAPIROM** has a great softening effect and gives the leather natural weight.

**Rockol SAPIROM** can be used alone for garments and upholstery up to 18%. It works strongly in Acidic situation and it is odorless. It can be used with different type of waters easily.

**Rockol SAPIROM** can be used in pickling stage & Wet blue process. It can be used for all type of leathers alone or with other fatliquors.

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**ROCK CHEMIE**  
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**FATLIQUORS**

## **ROCKOL RUF**



**Rockol RUF** is an anionic lightfast fatliquor used in garment and other soft leather manufacturing. It is a heat-resistant product and stable in chrome tanning floats.

**View Specification**

**View Applications  
& Remarks**



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**FATLIQUORS**

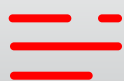
## ROCKOL RUF

### SPECIFICATION

Appearance	Clear Yellowish-Brown Liquid
Nature	Sulphated and Sulphonated Natural and Synthetic Oil
Solid Content, %	56-58
pH (1:10 Solution)	6-7
Solubility	Soluble into water
Packing	PE Drums
Shelf life	12 months

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## FATLIQUORS

# ROCKOL RUF

### APPLICATIONS & REMARKS

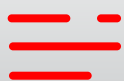
- ▶ It gives fullness to leather.
- ▶ It increases the tear resistance.
- ▶ It gives mellow handling and softy velvet touch.
- ▶ It is sustainable against electrolytes.
- ▶ It does not affect dyeing shade.

#### Main Fatliquoring Stage

- ▶ Sheep Nappa: 8%
- ▶ Goat gloves: 10%
- ▶ Goat lining: 4-5%
- ▶ Cow upper (softy): 7%

**View Info**

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## FATLIQUORS

# ROCKOL CS-414



**Rockol CS-414** is a lightfast synthetic fatliquor, which is based on a synthetic fatty alcohol and derivatives, and has been developed as a replacement of sulphonated sperm oil.

[View Specification](#)

[View Applications  
& Remarks](#)



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## FATLIQUORS

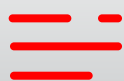
# ROCKOL CS-414

## SPECIFICATION

Appearance	Brownish clear liquid
Nature	Synthetic fatty ester
Solid Content, %	56-58
pH (1:10 Solution)	6.5 - 7.5
Solubility	Soluble into water
Packing	PE Drums
Shelf life	12 months

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**FATLIQUORS**

## **ROCKOL CS-414**

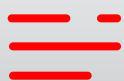
### **APPLICATIONS & REMARKS**

**Rockol CS-414** has a very good softening effect and imparts a very soft mellow handle.

The dosage varies with the type of leather and is 2 up to 10% (based on shaved weight in retanning)

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**ROCK CHEMIE**  
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**FATLIQUORS**

## **ROCKOL LNE-918 PLUS**



**Rockol LNE-918 Plus** is a high concentrated Lecithin and sulphited vegetable oil. It can be used for both light and heavy leathers. It gives smooth, soft, and silky touch for nappa, upper shoe, and full grain leathers. It is very good for garment and light weight leather.

**View Specification**

**View Applications  
& Remarks**



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## FATLIQUORS

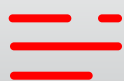
# ROCKOL LNE-918 PLUS

### SPECIFICATION

Appearance	Clear Brownish viscose liquid
Nature	Lecithin and sulfited vegetable oils and emulsifiers
Activity %	80
Solid Content, %	75±1
pH (1:10 Solution)	7± 0.5
Solubility	Soluble into water
Melting point	5 °C
Clarification Point	25 – 28 °C
Packing	PE Drums
Shelf life	12 months

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**FATLIQUORS**

## ROCKOL LNE-918 PLUS

### APPLICATIONS & REMARKS

- ▶ Giving a soft, smooth and silky touch on surface of crust
- ▶ Without any smell
- ▶ Without any changes on the shade of dyed crust
- ▶ Good lightfastness
- ▶ The dosage of consumption is 2-15 % based on the recipe

### Stability

Acetic Acid	Excellent
Formic Acid	Excellent
Sulphuric Acid	Good
Sodium Bicarbonate	Excellent
Ammonia	Excellent
Sodium Chloride	Good
Chromium Salt	Good

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**FATLIQUORS**

## **PENATOR 550**



**Penator 550** is an auxiliary fatliquor, which can help all kind of fatliquors to emulsify and penetrate them into skin.

**View Specification**

**View Applications  
& Remarks**



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**FATLIQUORS**

## PENATOR 550

### SPECIFICATION

Appearance	Clear watery viscose liquid
Nature	Synthetic ether & ester chemicals
Solid Content, %	38 – 40
pH (1:10 Solution)	$8 \pm 0.5$
Ionity	Anionic – Nonionic
Solubility	Soluble into water
Packing	PE Drums
Shelf life	12 months

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**ROCK CHEMIE**  
*chemically yours*

**FATLIQUORS**

## **PENATOR 550**

### **APPLICATIONS & REMARKS**

- ▶ High penetration and emulsifying properties of any kinds of fatliquors
- ▶ It can be used along with any kinds of fatliquor
- ▶ It can emulsify all the residue of remain unemulsified fats, and penetrate them into skin.

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**ROCK CHEMIE**  
*chemically yours*

**FATLIQUORS**

## **ROCKOL MSO-250**



**Rockol MSO-250** is high sophisticated new technology of sulphited synthetic and natural marine oil, without any fish smell. It is suitable for both heavy and light leathers.

**View Specification**

**View Applications  
& Remarks**



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**FATLIQUORS**

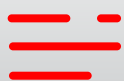
## ROCKOL MSO-250

### SPECIFICATION

Appearance	Clear Brownish viscose liquid
Nature	Sulphited synthetic and natural marine oil, and nonionic emulsifiers
Solubility	Soluble into water
Melting point	5 °C
Clarification Point	20 - 25 °C
Solidification Point	-7 °C
Packing	PE Drums
Shelf life	12 months

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**FATLIQUORS**

## ROCKOL MSO-250

### APPLICATIONS & REMARKS

- ▶ Suitable for various kinds of leather
- ▶ Giving a soft, smooth and silky touch on surface of crust
- ▶ Without any smell
- ▶ Giving good body and weight to the leather
- ▶ Without any changes on the shade of dyed crust
- ▶ Good lightfastness
- ▶ Excellent buffability for Nubuck
- ▶ The dosage of consumption is 2-15 % based on the recipe

#### Stability

Acetic Acid	Excellent
Formic Acid	Excellent
Sulphuric Acid	Good
Sodium Bicarbonate	Excellent
Ammonia	Excellent
Sodium Chloride	Good
Chromium Salt	Good

**View Info**

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**ROCK CHEMIE**  
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## LACQUER

### SELECT THE DESIRED PRODUCT:



**Rocklacquer EMC-99  
(100%)**

01

A double - purpose  
nitrocellulose lacquer



**Rocklacquer EMC-99  
(50%)**

02

A Hydro - nitrocellulose  
lacquer,



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**ROCK CHEMIE**  
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## LACQUER

# ROCKLACQUER EMC-99 (100%)



a Hydro- nitrocellulose lacquer which can be diluted with solvent and can be applied by spraying on all types of leather.

**View Specification**

**View Applications  
& Remarks**



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**ROCK CHEMIE**  
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**LACQUER**

# ROCKLACQUER EMC-99 (100%)

## SPECIFICATION

Appearance	Yellow Liquid
Nature	Nitrocellulose Resin
Activity, %	100
pH (1:10 Solution)	4-5
Packing	35, 100 & 200 kg's PE Drums
Shelf life	12 month

**View Info**

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**ROCK CHEMIE**  
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**LACQUER**

## **ROCKLACQUER EMC-99 (100%)**

### **APPLICATIONS & REMARKS**

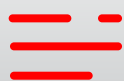
**Rocklacquer EMC-99 (100%)** is mainly used for top coating to impart an attractive natural gloss and good wet and dry rub fastness to the leather.

**Rocklacquer EMC-99 (100%)** is recommended as a top coat fixing agent for all types of resin finishes.

**Rocklacquer EMC-99 (100%)** is water miscible lacquer and can be applied with spraying methods.

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**LACQUER**

**ROCKLACQUER EMC-99 (50%)**



**Rocklacquer EMC-99 (50%)** is a nitrocellulose emulsion lacquer which can be diluted with water and solvent and be applied by spraying on all types of leather.

**View Specification**

**View Applications  
& Remarks**



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**LACQUER**

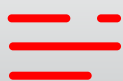
## **ROCKLACQUER EMC-99 (50%)**

### **SPECIFICATION**

Appearance	Milky Liquid
Nature	Nitrocellulose Resin Emulsion
Activity, %	50
pH (1:10 Solution)	7-8
Solubility	Miscible with Water in any ratio
Packing	35, 100 & 200 kg's PE Drums
Shelf life	12 months

**View Info**

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**ROCK CHEMIE**  
*chemically yours*

## LACQUER

# ROCKLACQUER EMC-99 (50%)

### APPLICATIONS & REMARKS

**Rocklacquer EMC-99 (50%)** is mainly used for top coating to impart an attractive natural gloss and good wet and dry rub fastness to the leather.

**Rocklacquer EMC-99 (50%)** is recommended as a top coat fixing agent for all types of resin finishes.

**Rocklacquer EMC-99 (50%)** is water soluble lacquer and can be applied with spraying methods. Finished leathers with solvent thinner are more shining and brighter. The wet-rub fastness of them is also great.

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## WAX

**SELECT THE DESIRED  
PRODUCT:**



**Rockawax Montra-plus**

13

A flowable polyethylene and carnuba wax emulsion, with strong thermal resistance, causes to decrease adhesion on press and a thin and flexible film



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**ROCK CHEMIE**  
*chemically yours*

**WAX**

## **ROCKAWAX MONTRA-PLUS**



**Rockawax Montra-plus** is used in water finishes to improve the fullness, touch and smoothness of leather surfaces.

**View Specification**

**View Applications  
& Remarks**



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**WAX**

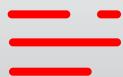
# ROCKAWAX MONTRA-PLUS

## SPECIFICATION

Appearance	White to cream flowable Liquid
Nature	Special Wax
Solid Content, %	20-21
pH (1:10 Solution)	7-8.5
Solubility	Soluble into water
Packing	35 & 50 Kg's PE Drums
Shelf life	12 months

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**ROCK CHEMIE**

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**WAX**

## ROCKAWAX MONTRA-PLUS

### APPLICATIONS & REMARKS

**Rockawax Montra-plus** improves the fullness, glazing and repolishing properties.

If **Rockawax Montra-plus** is used with emulsion lacquer, it makes finish with less glossy surface and smooth touch.

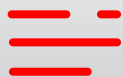
**Rockawax Montra-plus** is used in any finish where the excellent touch and feel required. If it is used in base coats, the filling will be improved, the absorption will be leveled and the amount of grain faults will be reduced. Due to the nature, it covers a wide range of temperature in polishing, plating and ironing.

**Rockawax Montra-plus** is compatible with other protein finishes to achieve a pleasant surface touch.

**Rockawax Montra-plus** is suitable for upper, softy, nappa, glaze, garment and vegetable leathers.

**View Info**

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Product Name	Description	Countertype
BEAMHOUSE		
Sodium Sulphide (Na <sub>2</sub> S)	60-62% Yellow flakes	Sodium Sulphide flake
Basic chromium Sulphate	33% Basicity	Basic Chromium Sulphate
Nanofix Green	Substitution of Formic acid 85% Odorless, colorless and without corrosion on human body	Formic acid 85%
Liming Agent		
Rockaltal RMB	Liming auxiliary with anti wrinkling effect	Mollescal LS (BASF) TRUPONAT LA (Trumpler)
Deliming Agent		
Rockaltal F	Ammonium sulphate based deliming agent	Decaltal RN (BASF) TRUPOCAL DE (Trumpler)
Bating Agents		
Rockenzyme 7500-L	Protease alkaline bating agent with 1500 LVU	Basozym 1000 (BASF) TRUPOZYM CN (Trumpler)
TANNING & RETANNING		
Rockytan ROS	Phenol based syntan	Basyntan AN (BASF) Retingan OS (Bayer) TRUPOTAN GD (Trumpler)

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Product Name	Description	Countertype
TANNING & RETANNING		
Rockytan RR7	Resin tanning agent based on DCDA	Retingan R7 (Bayer) TRUPOTAN HMN (Trumpler) Syntan DF 585 (SMIT & ZOON)
Rockytan RP2	Naphtalen based synthetic syntan	Basyntan N (BASF) Retingan P2 (Bayer) TRUPOTAN TD (Trumpler)
Rockytan RD	Pure melamine syntan	Relugan D (BASF) Syntan LF 187 (SMIT&ZOON) TRUPOTAN MAF (Trumpler)
Rockytan NLB	Melamine and phenol copolymer syntan	Basyntan MLB (BASF)
Rockytan RPAK	Neutralizing syntan	Retingan PAK (Bayer) Syntan NN 555 (SMIT & ZOON) TRUPOTAN NS (Trumpler)
Fatliquours		
Rockol RSL	Anionic fatliquor based on sulphited vegetable and synthetic oils	Lipoderm Liquor E-XP (BASF)
Rockol SAPIROM	Sulphited synthetic and vegetable oils	Lipoderm Liquor E-A1 (BASF)
Rockol ATLAS	New universal fatliquor based on sulphited vegetable oils	ATLASOL CAM-SF (Atlas)
Finishing Auxiliaries		
Rockawax Montra Plus	Special wax	Lepton Wax A (BASF)

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## CERTIFICATES



ISO9001



ISO14001



ISO45001



ISO10002



ISO10004



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