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**RAJAM  
CHEMICALS**

## **WETTINGAGENTS**

- 1. LUNA-DM**
- 2. LUWET 40**
- 3. LUWET CON**
- 4. LUWET NS**
- 5. ECO WET 40**





## **LUNA DM**

(Anionic Detergent & Wetting Agent)

### **SPECIFICATIONS**

Appearance	: Pale Yellow to Amber Coloured Viscous Liquid
Chemical Nature	: Anionic Detergent
pH 10% Aqueous Solution	: 7.0 to 8.0
Stability	: Stable to dilute Acids and weak Solutions of Sodium Chloride.
Shelf life	: Minimum 2 years when kept in shade at room temperature.

**LUNA-DM** is an anionic bio degradable detergent & wetting agent. Any detergent/wetting agent being a surfactant has versatile application and as such **LUNA-DM** is able to perform several functions in the processing of leather.

### **SOAKING**

1 to 1.5% on raw weight is recommended. Use of **LUNA-DM** in soaking aids the removal of dirt and other unwanted material and accelerates the soaking process.

### **BATING**

0.3-0.5% of **LUNA DM** during bating and subsequent dry drumming results in quicker removal of scud, thereby saving time, power and labour.

### **DEGREASING**

Pickled sheep skins of particular origin which have more natural fat can be effectively degreased by using '**LUNA-DM**'. It enhances the degreasing effect of **LUNASOL PA**.

### **LUNA-DM**

Drymill the pickled skin with '**LUNA-DM**' 0.4-0.5% and Lunasol P.A. 1% for 20-30 minutes. Repeat salt washings and proceed with next operation.

**LUNA-DM** can also be used with advantage in dyeing, fatliquoring and finishing operations to get better results by improving the wettability and dispersing the fatliquor.

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## **LUWET 40**

(Non-ionic Detergent & Wetting Agent)

### **SPECIFICATIONS**

Appearance	:	Colourless to Pale yellow Viscous Clear Liquid
Chemical Nature	:	Non ionic Organic derivative
pH 10% Aqueous Solution	:	7.0 to 8.0
Stability	:	Stable to dilute Acids and weak Solutions of Sodium Chloride.
Shelf life	:	Minimum 2 years when kept in shade at room temperature.

**LUWET-40** is an ethylene oxide condensate based nonionic detergent and wetting agent. Being a surfactant of high **HLB** it wets the substrate first and can be used at all stages of Leather processing i.e. Raw to Finish. According to the process step its detergent, wetting and emulsifying action is taken advantage of 0.5% to 1.5% on appropriate weights is recommended from **SOAKING** through **FATLIQUORING**.

### **DOSAGE**

Soaking	-	0.1%-0.2%	on Raw weight
Liming	-	0.05%-0.2%	on Raw weight
Bating	-	0.1%-0.3%	on Raw weight
Degreasing	-	0.2%0.8%	on Raw weight
Fat Liquoring	-	0.1%-0.5%	on Shaved weight

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## **LUWET CON**

(Non-ionic Detergent & Wetting Agent)

### **SPECIFICATIONS**

Appearance	:	Colourless to Pale Yellow Liquid
Chemical Nature	:	Non ionic Organic derivative
pH (10% Solution)	:	7.0 to 7.5
Stability	:	Stable to acid, alkali, electrolytes and hardness of water at all concentrations.
Shelf life	:	Minimum 2 years when kept in shade at room temperature.

**LUWET CON** is an ethylene oxide condensate based nonionic detergent and wetting agent. Because of its high HLB value, the wetting capacity is very good.

**LUWET CON** can be used in all stages of Leather Processing.

**LUWET CON** is 4 times stronger than the normal wetting agent used in the tannery. Hence the tanery has to use low dosage when compared to normal wetting agent. The following dosages are recommended. However actual dosage may depend on the local conditions of use.

### **DOSAGE :**

Soaking	-	0.5%-0.2%	on	Raw weight
Liming	-	0.05%-0.2%	on	Raw weight
Bating	-	0.05%-0.2%	on	Raw weight
Wetting Back	-	0.25%0.5%	on	Crust weight
Fat Liquoring	-	0.05%-0.2%	on	Shaved weight

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## **LUWET NS**

(NP, NPE, APE Free Wetting Agent)

### **SPECIFICATIONS**

Appearance	:	Colourless Clear Liquid
Chemical Nature	:	NP, NPE, APE Free Organic Derivative
pH (10% Solution)	:	7.0 to 8.0
Stability	:	Stable to dilute Acids and weak solutions of Sodium Chloride
Shelf Life	:	Minimum two years when kept in shade at room temperature.

**LUWET NS** is a new generation wetting agent and it is free from

- a) Nonyl Phenols (NP)
- b) Nonyl Phenol Ethoxylates (NPE)
- c) Alkyl Phenol Ethoxylates (APE)

**LUWET NS** is a non-ionic detergent cum wetting agent. Being a surfactant of high HLB value, it wets the substrate fast and can be used at all stages of Leather Processing i.e., Raw to Finish. According to the process step its detergent, wetting and emulsifying action is taken advantage of.

0.5% to 1.5% on appropriate weights is recommended from Soaking through Fatliquoring.

### **Application :**

Soaking	-0.1% - 0.2%	on Raw Weight
Liming	- 0.05% - 0.2%	on Raw Weight
Bating	- 0.1% - 0.3%	on Raw Weight
Degreasing	- 0.2% - 0.8%	on Raw Weight
Fat Liquoring	- 0.1% - 0.5%	on Raw Weight

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## ECOWET 40

(Non-ionic Detergent & Wetting Agent)

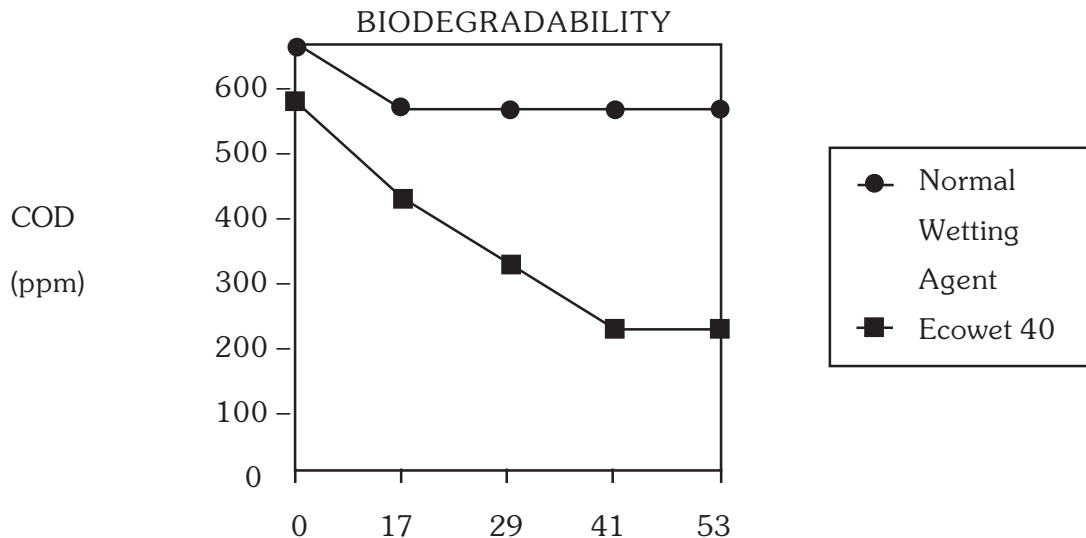
### SPECIFICATIONS

Appearance	: Colourless to translucent clear Liquid
Chemical Nature	: Based on Aliphatic Poly Glycol Ether
pH (10% Solution)	: 7.0 to 8.0
Stability	: Stable to acid, alkali, electrolytes and hard water.
Shelf Life	: Minimum two years when kept in shade at room temperature.

**ECOWET 40** is a Biodegradable wetting agent with improved wetting properties as compared to conventional Nonyl-Phenol based wetting agents.

### COD CONTROL IN POLLUTION

The graph below explains that **ECOWET 40** is more biodegradable compared to conventional wetting agents.



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## ECOWET 40

(Non-ionic Detergent & Wetting Agent)

### SPECIFICATIONS

contd.

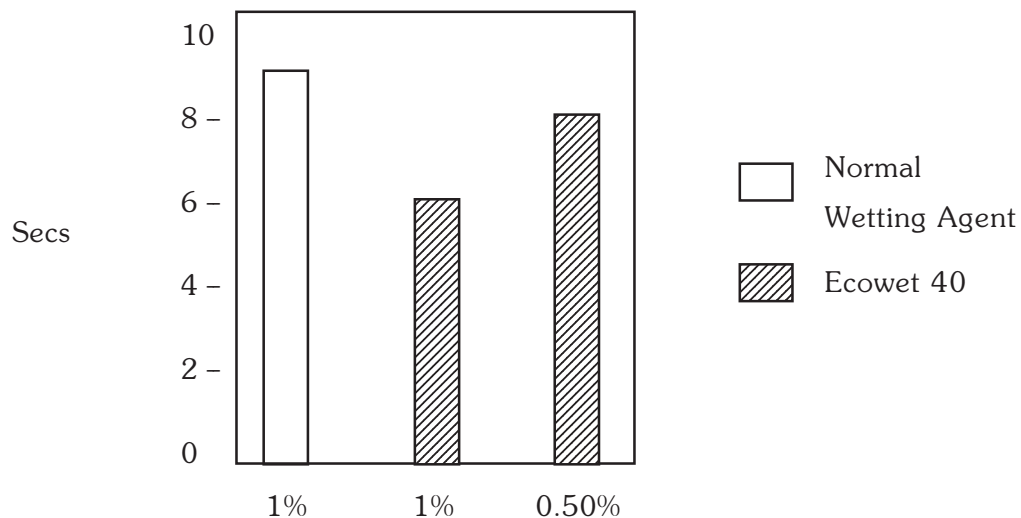
### WETTING CAPACITY

**ECOWET 40** has superior wetting properties compared to normal wetting agents. **ECOWET 40** being surfactant of High HLB value, it has got quicker wetting action and can be used in all stages of leather processing. **ECOWET 40** is quite strong in wetting action compared to normal wetting agents and the graph below explain the same.

### DOSAGE :

0.25% to 1.0% is recommended from Soaking to Wetting Back operation in Leather Processing.

WETTING ACTION



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CHEMICALS**

**DEGREASING AGENTS**

1. LUNASOL PA
2. LUNASOL HP





## **LUNASOL PA**

(Degreasing Agent)

### **SPECIFICATIONS**

Appearance	: Light Brown Coloured Liquid
Chemical Nature	: Anionic Surfactants with Organic Solvents
Stability	: Good to Sodium Chloride, Vegetable Tannins and Hard Water.
Shelf Life	: Good for 2 years. Keep away from direct sunlight and extreme temperatures. Preferable to keep tightly closed.
pH (10%)	: 7.0 - 8.0

Skins with more natural fat pose problems of Fat Spue, Uneven Dyeing and some time cause problems in Finishing. Degreasing helps to overcome such problems. Degreasing is done at various stages of leather process.

**LUNASOL PA** is an excellent, water miscible degreasing agent with powerful degreasing action.

**LUNASOL PA** not only dissolves fat but also aids in dispersing the fats through out the skin.

### **APPLICATION**

**FOR E.I TANNING** : After Bating, 0.5% - 1.0% **LUNASOL PA** is used, followed by a good wash.

**FOR SEMI CHROME UPPERS & LININGS** : After stripping operations 2% - 3% Lunasol PA is used for good degreasing operations.

**FOR BATED WOOL SHEEP/RED HAIR SHEEP/PAPRAS** : After Bating operations, 1% - 2% **LUNASOL PA** is used for effective degreasing.

**FOR WET BLUE SKINS** : The skins are degreased with 1% - 2% Lunasol PA after wetting the tanned skins throughly.

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## **LUNASOL HP**

(High Performance Degreasing Agent)

### **SPECIFICATIONS**

Appearance	: Colourless Viscous Liquid
Chemical Nature	: Non ionic Degreasing Agent
pH of 10% Solution	: 7.0 to 8.0
Stability	: Good to Sodium Chloride, Hard Water, Chrome and VegetableTannins.
Shelf Life	: Good for 2 years Keep away from direct sunlight and extreme temperatures preferable to keep tightly closed.

**LUNASOL HP** is a powerful degreasing agent specially designed for degreasing skins with high fat content.

**LUNASOL HP** can be used for degreasing sheep skins of New Zealand, United Kingdom, Spain, Saudi Arabia and other regions.

**LUNASOL HP** is a unique degreasing agent and the product is free from solvent and completely biodegradable.

### **APPLICATIONS**

**FOR DEGREASING OF SHEEP SKINS** : After bating 0.5%-1.5% Lunasol HP used along with Luwet 40, followed by good wash.

**FOR DEGREASING WET BLUE SKINS** : After wetting the wet blue skins are treated with 1.3% of Lunasol HP to achieve good degreasing effect.

**FOR DEGREASING CRUST** : 1-2% of Lunasol HP is used in the wetting back operation of the crust followed by a good wash.

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**DISPERSING AGENTS**

1. **DISCRO VN**
2. **DISCRO ZX**





## **DISCRO VN**

(A Unique Dispersant)

### **SPECIFICATIONS**

Appearance	: Colourless Viscous Liquid
Chemical Nature	: Nonionic Organic Derivative
pH of 10% Soln.	: 7.0 to 8.0
Stability	: Stable to Acids, Alkali, Salts, Hard Water and Chrome Powder.
Shelf Life	: 2 Years when kept closed. Keep away from sun light.

**DISCRP VN** is a unique dispersant with wide variety of uses in leather processing.

**DISCRP VN** distributes the natural fats and disperses the chemicals used.

**DISCRP VN** helps in uniform penetration and distribution of fat liquors across the cut section of leather.

**DISCRP VN** helps in uniform dyeing when two or more different dyes are used.

### **APPLICATIONS**

1. CHROME TANNING : 0.25% - 0.5% on Fleshed Weight
2. RECHROMING : 0.5% - 1.0% on Shaved Weight
3. DYEING : 0.25% - 0.5% on Shaved Weight
4. FAT LIQUORING : 0.2% - 0.5% on Shaved Weight
5. WETTING BACK : 0.5% - 1.0% on Crust Weight

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## **DISCRO ZX**

(Amphoteric Chrome Dispersant)

### **SPECIFICATIONS**

Appearance	: Ivory White to Pale yellow Viscous Liquid
Chemical Nature	: Blend of Organic Surfactants
pH (10% Solution)	: $6.0 \pm 0.5$
Stability	: Stable to Acids, Alkalis, Chrome, Hard Water and Electrolysis. Compatable with Nonionic, Anionic and Cationic Materials.
Shelf Life	: Minimum two years when kept in shade at room temperature.

**DISCRO ZX** is an amphoteric dispersant which confers even distribution of chrome and disperses effectively natural fats.

**DISCRO ZX** improves softness and results in level dyeings.

**DISCRO ZX** prevents drawn grain offering smooth grain surface in Semi Chrome Leathers.

**DISCRO ZX** has powerful wetting action in rewetting crust leathers.

**DISCRO ZX** is an excellent lime soap dissolver and prevents chrome soap development.

### **APPLICATIONS**

1. PICKLING	: 0.25% - 0.4%	on Fleshed Weight
2. CHROME TANNING	: 0.25% - 0.5%	on Fleshed Weight
3. RECHROMING	: 0.5% - 1.0%	on Shaved Weight
4. DYEING	: 0.25% - 0.5%	on Shaved Weight
5. FAT LIQUORING	: 0.2% - 0.5%	on Shaved Weight

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**AUXILIARIES**

**1. TEX DISPERSE**





## **TEX DISPERSE**

(Unique Dispersing Agent For Liming)

### **SPECIFICATIONS**

Appearance	: Translucent to Whitish Low viscous Liquid
Chemical Nature	: Anionic Organic surfactants
pH (10% Solution)	: 10 - 10.5
Total Solids	: 55 ± 2%
Shelf Life	: 2 Years when kept in shade at room temperature.

<b>TEX DISPERSE</b>	is an eco-friendly liming auxiliary to reduce wrinkles, drawness and growth marks in hides and skins.
<b>TEX DISPERSE</b>	can effectively disperse natural fats and can dissolve the extra fats thereby reducing the wrinkles in the neck area to obtain flat uniform wet blue stock.
<b>TEX DISPERSE</b>	works effectively at all temperature and similar results can be obtained during all seasons.
<b>TEX DISPERSE</b>	can give marginal increase in the area of hides and skins, apart from giving more flat wrinkles free wet blue hides and skins.
<b>TEX DISPERSE</b>	can improve the solubility of the lime powder thereby improving the efficiency of liming process.

### **APPLICATIONS**

**TEX DISPERSE** is primarily used at the starting of liming operations to reduce wrinkles, growth marks and to give uniform swelling in liming. The following recipes are recommended, however actual dosage depends on local conditions of use.

#### **WET BLUE**

0.5% TEX DISPERSE  
0.5% MICRO DEP C  
3% SODIUM SULPHIDE  
6% LIME

#### **WET BLUE BUFF CALF**

0.5% TEX DISPERSE  
0.5% MICRO DEP C  
2.5% SOD. SULPHIDE  
6% LIME

#### **WET BLUE GOAT & SHEEP**

0.5% TEX DISPERSE  
0.5% MICRO DEP C  
2-2.5% SOD. SULPHIDE  
6-8% LIME POWDER

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**PRODUCT INFORMATION**

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CHEMICALS**

## **SYNTANS**

1. **RAJTAN CD**
2. **RAJTAN CDS**
3. **TEXTALDEHYDE**





## **RAJTAN CD**

(Aluminium Based Pretanning agent)

### **SPECIFICATIONS**

Appearance	: Amber Coloured Liquid
Chemical Nature	: Highly Masked Aluminium Based Pre Tanning Agent
ph of 10% Solution	: 3.0±0.5
Stability	: Stable to Acids, Chrome and Hard Water at normal concentrations.
Shelf Life	: Minimum two years when kept in shade at room temperature.

**RAJTAN CD** is a highly masked basic aluminium salt based product mainly used for pretanning operations.

**RAJTAN CD** can partially replace chrome in Chrome Tanning and helps in better exhaustion of chrome tanning materials.

**RAJTAN CD** improves tensile strength and gives good buffing properties.

**RAJTAN CD** finds good use in improving Dye Brilliancy during Dyeing.

### **APPLICATIONS**

1. PRE TANNING	: 2% - 4%	on Fleshed Weight
2. CHROME TANNING	: 1% - 2%	on Fleshed Weight
3. RECHROMING	: 1% - 2%	on Shaved Weight
4. RETANNING	: 2% - 4%	on Shaved Weight
5. DYEING	: 1% - 2%	on Shaved Weight

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## **RAJTAN CDS**

(Aluminium and Syntan Complex)

### **SPECIFICATIONS**

Appearance	: Amber Coloured Liquid
Chemical Nature	: A Homogeneous, Aluminium and Syntan Based Tanning Agent.
ph of 10% Solution	: 3.0 - 3.6
Stability	: Stable to Acids, Chrome and Hard Water at Normal Concentrations.

**RAJTAN CDS** is a special Aluminium Syntan Complex with very good affinity to leather fibres.

**RAJTAN CDS** finds a special use in Chrome Tanning to better fixation of chrome and to give a Bright Coloured Wet Blue with Flat and Smooth Grain.

**RAJTAN CDS** can be used in Rechroming along with Chrome to improve fullness and to avoid Losseness.

**RAJTAN CDS** promotes Rich Dyeing in Suedes and Nubuck Leathers.

**RAJTAN CDS** application in Crusting gives Short and Tight Nap in Suedes.

**RAJTAN CDS** can be used in "Wet White" tannages also.

### **APPLICATIONS**

1. PRE TANNING	: 2% - 4%	on Fleshed Weight
2. CHROME TANNING	: 0.5% - 1%	on Fleshed Weight
3. RECHROMING	: 2% - 5%	on Shaved Weight
4. RETANNING	: 2% - 4%	on Shaved Weight
5. DYEING	: 1% - 2%	on Shaved Weight

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## **TEXTALDEHYDE**

### **SPECIFICATIONS**

- Appearance : Light Brown Liquid  
Chemical Nature : Poly Aldehyde based condensed product  
ph of 10% Solution : 3.0 - 3.5  
Self Life : 2 years under proper storage conditions.

**TEXTALDEHYDE** is a liquid tanning agent based on Aldehyde.

**TEXTALDEHY6DE** has a strong penetrating effect, ideal and very suitable for Chrome tanned, vegetable tanned & Chrome Retanned leathers.

**TEXTALDEHYDE** gives excellent mellowness and body, improves the fullness of upper leathers, Garment leathers.

**TEXTALDEHYDE** helps in improving fixation of Chrome and also minimises looseness in the hides and skins.

**TEXTALDEHYDE** Increases the depth of the dyeing

**TEXTALDEHYDE** is suitable for Fur Tannage and gives a Mellow Soft Feel in Fur Leather.

**TEXTALDEHYDE** can be used advantageously in the pH range of 3-5 to get softer and fuller leather.

**TEXTALDEHYDE** improves the shrinkage temperature and tear strength of all types of leathers.

### **APPLICATION DETAILS**

#### **Rechrome**

- |                       |         |
|-----------------------|---------|
| 1. Sheep Nappa        | 1% - 3% |
| 2. Cow Nappa          | 2% - 3% |
| 3. Cow Softy uppers   | 2% - 3% |
| 4. Sheep Softy uppers | 2% - 3% |
| 5. Goat Softy uppers  | 1% - 3% |
| 6. Cow Calf uppers    | 2% - 3% |

#### **Pretan**

- |                        |         |
|------------------------|---------|
| 1. Full Veg. Buff Calf | 2% - 3% |
|------------------------|---------|

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**Rajam Chemicals**  

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**FATLIQUORS**

- 1. RAJ SOFTY**





## **RAJ SOFTY**

(Multipurpose Cationic Fat Liquor)

### **SPECIFICATIONS**

<b>Appearance</b>	:	<b>Off white viscous flowing paste</b>
Chemical Character	:	Cationic fatty acid amines based fat liquor
pH of 10% Soln.	:	6.0 - 6.5
Total Solids	:	22 ± 2
Stability	:	Stable to chrome acids and neutral salts
Shelf Life	:	2 Years when kept in shade at room temperature

**RAJ SOFTY** is a versatile synthetic fat liquor with many uses in leather processing.

**RAJ SOFTY** can be used in chrome tanning of hides and skins.

**RAJ SOFTY** can be used as top fat liquor in crusting operation of all types of leathers.

**RAJ SOFTY** gives silky touch and sheen in garment suedes when used as a top fat liquor.

### **RECOMMENDED DOSAGE :**

1. Goat / Sheep skins Chrome tanning : 0.2% - 0.5% on pelt weight
2. Cot & Buff hides Chrome tanning : 0.2% - 0.6% on pelt weight
3. Goat / Sheep skins Crusting : 0.5% as a top fat liquor
4. Cow lining / Cow Softy Upper : 0.5% - 1% as a top fat liquor
5. Garment Suede leathers : 0.5% - 1% on dry weight of crust

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**DYE SOLUTIONS**

1. **TEX COLOURS SSQ**
2. **TEXCRYL COLOURS**





## **TEX COLOURS SSQ**

(Metal Complex Dye Solutions)

### **SPECIFICATIONS**

**TEX COLOURS** are solutions of high quality Metal Complex Dyes. They are suitable for aqueous and solvent systems in finishing. **TEX COLOURS** exhibit the following properties.

- High Light Fastness
- High Brilliance
- Very good covering power
- Excellent to wet rub fastness and water spotting
- Suitable for all types of leathers

### **APPLICATIONS**

**TEX COLOURS** are used for aniline finishing of full chrome, semichrome and vegetable Tan leathers. When used along with caseins or Resins, full bright shades are obtained. **TEX COLOURS** can also be used for tinting lacquers and lacquer emulsions.

Full grain uppers	5-10 ml/sq.ft
Veg. Tan Burnish leathers	5-10 ml/sq.ft
Full Chrome Glace uppers	10-15 ml/sq.ft
Nubucks, Suedes	10-40 ml/sq.ft

**TEX COLOURS** improve over all quality of all types of finished leathers.

It is advisable to dilute **TEX COLOURS SSQ** with water prior to adding of other component of the finish formulations.

**TEX COLOURS** has a solid context of 5 to 6% (w/w)

**TEX COLOURS** are now available in the following colours:

<b>TEX YELLOW G</b>	<b>TEX YELLOW R</b>	<b>TEX ORGANGE</b>
<b>TEX SCARLET</b>	<b>TEX RED</b>	<b>TEX FIRE RED</b>
<b>TEX BURGANDY</b>	<b>TEX GREEN</b>	<b>TEX BROWN R</b>
<b>TEX BROWN G</b>	<b>TEX DARK BROWN</b>	<b>TEX BLUE</b>
<b>TEX NAVY BLUE</b>	<b>TEX VIOLET</b>	<b>TEX JET BLACK</b>

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## **TEXCRYL COLOURS**

(Modified Cationic Dye Solutions)

### **SPECIFICATIONS**

**TEXCRYL COLOURS** are solutions of selected modified cationic dyes. They exhibit the following properties.

- Versatile in application
- Outstanding Brilliance
- Good covering power
- Clarity of shade
- Less risk of Bronzing
- Suitable for all types of leathers
- Ecofriendly

### **APPLICATIONS**

**TEXCRYL COLOURS** are used for spray dyeing of full chrome, semi chrome, vegetable leathers. They produce full, brilliant shades. **TEXCRYL COLOURS** are also used in Base Coats, followed by regular finishing.

Full grain uppers	5-15 ml/sq.ft
Vegetable Leathers	5-10 ml/sq.ft
Nubucks, Suedes	10-30 ml/sq.ft

Proper care has to be taken while spraying. Excess dye may reduce adhesion of top coats. Optimum quantity of dye used depends on type of finished leather required.

The following **TEXCRYL COLOURS** are available.

**LEMON YELLOW**  
**SCARLET**  
**WINE RED**  
**RED BROWN**  
**TURK BLUE**  
**NAVY BLUE**  
**SUPER BLACK**

**GOLDEN YELLOW**  
**RED**  
**MAROON**  
**COFFEE BROWN**  
**SKY BLUE**  
**GREEN**

**ORANGE**  
**PINK**  
**CAMEL BROWN**  
**DARK BROWN**  
**VIOLET**  
**JET BLACK**

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**PRESERVATIVES**

1. **RAJCIDE TC**
2. **LEATHER GUARD**





## **RAJCIDE TC**

(A Powerful Bactericide Cumfungicide)

### **SPECIFICATIONS**

Appearance	: Pale Yellow Liquid
pH	: 3-5
Bio-Assay	: Passes upto 16,000 dilution
Chemical Character	: Methylene Bisthiocyanate based formulation
Shelf Life	: 2 Years when kept in shade at room temperature

**RAJCIDE TC** is a new generation preservative with both anti-bacterial and anti-fungal activity.

**RAJCIDE TC** is specially active against salt tolerant bacteria (Red Heat) and hence very effective as preservative in soaking.

**RAJCIDE TC** is PCP free and hence safe to use in leather processing.

**RAJCIDE TC** is recommended for all stages of leather manufacturing namely soaking, pickling, chrome tanning, fat liquoring.

**RAJCIDE TC** is compatible with Nonionic and Anionic Wetting Agent.

**RAJCIDE TC** is effective in the pH range of 2.0 to 8.0.

**RAJCIDE TC** is stable as such and further dilution is not required.

### **RECOMMENDED DOSAGE :**

SOAKING	: 0.025% to 0.05%
PICKLING	: 0.1% to 0.2%
CHROME TANNING	: 0.1% to 0.2%
VEGETABLE TANNING	: 0.1% to 0.2%
FAT LIQUORING	: 0.1% to 0.2%

**RAJCIDE TC** does not pose any health hazard if properly handled and used carefully. Direct eye and skin contact should be avoided and protective measures like use of goggles, rubber gloves etc., should be used while handling this product.

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***Your reliable partner in leather processing***

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This information is offered as correct, however, since conditions of use and applications are beyond our control, no guarantee of results is given and no liability is accepted.



## **LEATHER GUARD**

(An effective Bactericide)

### **SPECIFICATIONS**

Appearance	:	Pale Brown Liquid
pH	:	9.5 - 10.5
Bio-Assay	:	Passes upto 16,000 dilution
Shelf Life	:	2 Years when kept in shade at room temperature

**LEATHER GUARD** is a specially formulated Bactericide for skins and hides processing. **LEATHER GUARD** is very effective in bacterial control in soak bath. It can be used for Wet Salted, Dry Salted and Air Dried Skins and Hides. The dosages vary depending on the condition of the raw materials.

**LEATHER GUARD** is a PCP free and hence safe to use in leather processing. It is compatible with Wetting Agents, Alkali's etc.

**LEATHER GUARD** can also be used in Pickling, Fat Liquoring operations depending on local conditions.

**LEATHER GUARD** does not pose any health hazard, if handled carefully. Direct contact with eyes and skin should be avoided and protective measures like use of goggles, Rubber Gloves should be used while handling this product.

### **RECOMMENDED DOSAGE IN SOAKING**

Wet Salted Skins & Hides	0.25 %	-	0.5%
Dry Salted Skins & Hides	0.4 %	-	0.6 %
Air Dried Skins & Hides	0.5%	-	0.7%

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