

RAM RATNA INTERNATIONAL

(ISO 9001-2008)

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SPECIFICATION

RATNABATE POWDER

(For Leather)

It catalyzes hydrolysis of complex Proteins very efficiently and is broadly used in Leather Industries.

SPECIFICATIONS / PHYSICO - CHEMICAL PROPERTIES

APPEARANCE	:	Granules
Color	:	Yellowish
Odor	:	Characteristic odor
pH	:	Stability Range 7.0 - 10.0 , Optimum - 8.0
Solubility	:	Dispersible in water
LOD (Loss on drying)	:	< 5 per cent
Enzyme Activity (Protease)	:	150000 LUV/g

Field of Application: It is suitable for all kinds of hides and skins

Properties:

- bating effect and partial deliming activity
- Leathers reach desired softness and elasticity
- Fine grain structure is obtained
- In bating important process parameters are temperature, time and PH . for maximum performance these parameters have to be adjusted in accordance with the respective process conditions.

DILUTION:

Ammonium salt : 70- 75%

Kaolin :25-30 %

Enzyme : 1-2%

Application from diluted Enzyme:

It is generally added into the bath after deliming. Concentration depends upon structure and type of leather desired.

- sheep skin garment leather 0.7 – 1.0%
- Bovine garment leather 1.5 -2.5 %
- Goat and bovine upper leather 0.7-1.5 %

• ADVANTAGES

1. Removes the non leather proteins completely and helps in splitting of collagen., rendering better penetration of tanning chemicals.
2. Offers ECO Friendly processing which renders better quality soft and pliable leather , causing no pollution .
3. Lowers the period of Bating
4. Avoids the use of hard chemicals and natural agents which results in un controlled processing , which affect the hide surface.

Storage:

Store in a cool and dry place preferably below 5 Deg.C

Shelf Life:

24 months from the date of manufacturing. After expiry a higher dosage is recommended.
