



TanX AL-6

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A non-toxic aluminum based tanning complex with excellent pickling ability. Activity 91-94%.

- Treated to prevent acid rot
- Fast penetrating
- Excellent stretch, softness and hair setting ability
- Eliminates hair curling associated with strong pickling acids
- Shaving is easier and smoother than with conventional pickling acids
- Can be used on small game to large, thick hides
- Will not cake or harden and easily dissolves in hot water
- Non-toxic, no more working with hazardous acids
- Cost effective and easy to use

Wear mask, goggles, and disposable rubber gloves to prevent inhalation of chemical dust, and any eye or skin irritation. Read instructions completely prior to using.

TanX AL-6 works by osmosis, allowing it to be used in a static bath, however, hides still should be periodically moved in the bath to equalize the distribution. A wet wheel will speed the tanning process and ensure an even distribution of the tan. Time periods noted below are for use with a wet wheel. Additional time is required when using a static bath.

Rehydration

Dried, salted hides should be rehydrated prior to pickling. It is recommended to use **Hide Relaxer**. See the separate instructions for this product. Hides that are still in the wet-salted state should be placed in a rehydration bath to remove dirt and excess salt. This also opens up the hide's fiber structure to enable proper penetration of the **TanX AL-6**. Once the hides are properly rehydrated, drain until damp.

Pickling Options

Although it is recommended to use **TanX AL-6** as a combination pickle and tan, an acid pickle can also be used.

Pickling with TanX AL-6:

Mix a bath of 10-12% of **TanX AL-6** by weight of the drained/unshaved hides. *Note: The hides can also be shaved right out of the rehydration bath to remove meat, membrane and thick areas. This will reduce the amount of TanX AL-6 used and aide in faster penetration.* To the bath, add ½ pound of salt per gallon of hot water in a float of 375-400%. More water may need to be added if most of the hides are hollow haired (floaters). *Note: TanX AL-6 and salt should be dissolved and mixed in hot water. Allow solution to cool to 70 - 85°F before placing hides in the bath.* Adjust the pH to 3.4-3.6, using a mild acid such as citric acid or a mild alkaline such as sodium bicarbonate.

Run for 18-24 hours, or longer depending upon the temperature, volume of water in the solution, and thickness of hides. The pH should be maintained at 3.4-3.6. Next, drain and shave the hides.

Note: hides that are fully pickled should be white all the way through.

Do not discard the pickle bath as it will be used again in the tanning process. Proceed to the tan bath for **TanX AL-6** pickled hides.

Pickling with Acid:

Mix acid of choice and 1 pound of salt with each gallon of water to a pH of 1.8-2.0. The pH should be maintained at this 1.8-2.0 pH range to prevent bacteria growth. Depending upon the strength of the acid, temperature of the solution, and thickness of the hides, allow the hides to soak in this solution until pickled throughout. Hides can then be drained and shaved.

Once the shaving process is complete return to pickle bath and raise the pH to 3.4-3.6. When the pH is even throughout the hides, (allow 2-3 hours), then proceed to the **TanX AL-6** bath for acid pickled hides.

Tan Bath for TanX AL-6 Pickled Hides

Hides that were pickled in a **TanX AL-6** solution can now be returned to the same bath for an additional 6-8 hours after shaving. Once the hides have soaked for the allotted time, raise the pH in three separate feeds over an additional 3-4 hours using sodium bicarbonate or sodium acetate. The first feed should be raised to 3.8-4.0 pH. Raise the second feed to 4.3-4.6 pH. Raise the third and final feed to 4.8-5.0 pH. Allow the hides to soak for another 3-4 hours, then drain overnight. *Note: hides will soak in the bath a total of 12-16 hours depending upon the temperature, volume of water in the solution and thickness of the hides.*

Option: 1% Sodium Formate can be added to the solution prior to returning the skins to the bath. This will act as a masking agent allowing for more even distribution of the tan. **Fatliquor Ultra** can also be used to add additional softness. See separate directions for this product.

Hides can now be oiled with a preferred tanning oil. See **Swabbing Oil SP-2** and **Swabbing Oil SP-3**.

Tan Bath for Acid Pickled Hides

Mix a bath of 8-10% of **TanX AL-6** by weight of the drained/shaved hides. Add ½ pound of salt per gallon of hot water in a float of 375-400%. More water may need to be added if most of the hides are hollow haired (floaters). *Note: TanX AL-6 and salt should be dissolved and mixed in hot water. Allow solution to cool to 70 - 85°F before placing hides in the bath.* Once the solution is mixed, adjust the pH to 3.4-3.6, using a mild acid such as citric acid or a mild alkaline such as sodium bicarbonate.

Soak the hides for 6-8 hours then raise the pH in three separate feeds over an additional 3-4 hours using sodium bicarbonate or sodium acetate. The first feed should be raised to 3.8-4.0 pH. Raise the second feed to 4.3-4.6 pH. Raise the third and final feed to 4.8-5.0 pH. Allow the hides to soak for another 3-4 hours, then drain overnight. *Note: hides will soak in the bath a total of 12-16 hours depending upon the temperature, volume of water in the solution and thickness of the hides.*

Option: 1% Sodium Formate can be added to the solution which will act as a masking agent allowing for more even distribution of the tan. **Fatliquor Ultra** can also be used to add additional softness. See separate directions for this product.

Hides can now be oiled with preferred tanning oil. See **Swabbing Oil SP-2** and **Swabbing Oil SP-3**.



Precautionary Statements: Do not get in eyes, on skin or on clothing.

Hazard statements: Causes eye irritation and may irritate skin causing dryness. *If in Eyes:* Rinse with water for several minutes. Remove contact lenses if present and easy to do. *If on Skin and Clothing:* Wash skin immediately with soap and water. Remove and wash contaminated clothing. If skin or eye irritation persists, get medical attention. Store product closed in original container in a cool, dry area. Keep out of the reach of children.

Disclaimer: Being that hides and skins are natural materials, susceptible to varying degrees of putrefaction, natural defects, disease, mishandling, experience of the user, and used under conditions beyond our control, as seller, we make no guarantee or warranty expressed or implied as to the use of this product. All information contained here is accurate to the best of our knowledge and good faith and is based upon thorough testing.

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