



## NuTan®

*An Advanced and easy to use Liquid Tanning Agent  
Provides a Soft Tan with Good Stretch*

Developed by the industry pioneer, *Dale Knobloch*, **NuTan** is a state-of-the-art product that tans and oils in one step. It is specifically designed for any skill level from the first-time user to the expert tanner. Not for use on birds or fish – see our ***Bird & Fish Tan*** for treating these.

*Read directions completely prior to starting.*

**Directions:** For best results, this process should be done at room temperature, 65°F or above. Wear splash proof goggles and rubber gloves to avoid eye or skin irritation. Clean up with soap and water. For simplicity, the word “hide” is used universally for both ***hides*** from a large mammal and ***skins*** from a small fur-bearing mammal. A 32 oz bottle of **NuTan** will treat approximately 3-4 medium size deer or 1 large elk.

**Step 1 Prepare the Hide:** Proper and timely field care is key to producing a quality finished product. Flesh the hide to remove meat, fat and membrane. If the intent is to tan the hide with the full head, legs and tail, split open the lips and nostrils, turn the ears inside out and remove the tail and foot bones.

**Step 2 Salting:** Salting is important to help remove the residual blood, body fluids and the non-tannable proteins. Lay the hide flesh side up on cardboard to catch any drainage. Apply a heavy layer (1/2” thick) of fine table salt and thoroughly rub into all areas - including the face, feet and tail if applicable. Leave the salted hide lying flesh side up for 12-24 hours. The next day, if the salt is moist, shake it off and reapply a layer of new salt. Let this sit again for 12-24 hours.

*Note: If the hair is also damp, apply a thin layer of salt on the cardboard under the hide. This will draw moisture out from the hair too..*

**Salting Tube Skins:** Follow the steps above, also laying the skin on top of a thick layer of salt. This allows the salt to draw out any moisture from the back too.

**For Hair-On Tanning,** go to Step 3.

**For Hair-Off or Buckskin Tanning:** See our ***Hide Hair Removal*** product and follow the directions for this procedure.

**Step 3 Rehydrate:** Salt draws moisture from the hide, after salting, it needs to be rehydrated. In a plastic or rubber container (not metal) large enough to fully submerge the hide, create a rehydration bath by mixing 1/4 cup of salt and 1 teaspoon of household bleach to **each** gallon of water and stir to dissolve the salt. Mix enough solution to cover the hide completely.

Soak the hide in the bath until it is pliable (usually 1-6 hours), then remove.

*Note: Although not necessary, we highly recommend pickling the hide. Pickling will help to set the hair and make shaving easier as it “plumps” the hide. If you choose not to pickle, skip to Step 5.*

**Step 4 Pickling:** To make a simple pickle bath, mix 1 cup of salt and 1 ¼ cups of white vinegar to **each** gallon of warm water. Again, making enough solution to completely cover the hide. Stir to dissolve the salt and allow the bath to cool to room temperature. This is a weak pickle, so only soak the hide in the solution for 12-24 hours (no longer), then remove and drain until damp.

*Note: If pickling multiple hides in the same bath, then add 1 additional cup of vinegar **per** hide and **per each** gallon of solution.*

*If using a different pickling method, follow the directions for that particular method. The final pH should be to 4.0-4.5 prior to applying NuTan.*

**Step 5 Shaving:** After the rehydration and/or pickle bath, the next step is to shave the hide. **This is an important step**, as having a thin hide will help the tan penetrate better, provide more stretch and softness, and will reduce shrinkage. To thin, lay the hide flesh side up on a fleshing beam or hard surface and using a shaving tool or sharp knife, scrape the flesh working away from yourself. Shave as thin as possible focusing on the thicker areas such as the neck and rump, being sure not to shave to the point where the hair follicles are coming through.

Shave just the flesh side of **buckskin**, not the de-haired side. **Shaving tubed skins** is easier when done over a fleshing beam or PVC pipe.

#### **Step 6 Cleaning and Degreasing:**

Once the hide has been shaved, it can be cleaned and if necessary, degreased.

**Cleaning:** Place hide in a solution of 1 tablespoon of liquid dish soap and 1 teaspoon of household bleach **per** gallon of room temperature water. Agitate and soak the hide in the solution for 15-30 minutes, then rinse and drain the hide until damp. For a stronger clean, see **Detergent SR-11**. The hide is now ready for tanning unless it also needs degreasing.

**Degreasing:** Skins such as beaver, domestic sheep, bear, fox, muskrat, raccoon, etc., need an additional degreasing step to produce a soft, supple hide. Lay the hide on a piece of cardboard flesh side up and apply a liberal coating of liquid dish soap to the flesh side. Allow the soap to soak in for 10-15 minutes and then fold flesh side to flesh side and allow it to sit an additional 30 minutes. Next, rinse the hide well in clean, room temperature water and hang to dry until damp.

For a stronger degreaser, see **D-Solv 60 Degreaser**.

*Tip: You will know the hide will be ready for the tan when the flesh side is pinched and no more water comes out.*

**Step 7 Tanning:** After it has been cleaned/degreased, lay the drained, damp hide flesh side up and apply **NuTan**. See the enclosed chart to determine how much **NuTan** to use for your specific animal. With gloved covered hands, work the solution into all areas - including ears, nose, legs, paws and tail. Large hides such as moose and elk, may need 2 applications. When absorbed, fold flesh side to flesh side and let it sit for 24 hours so the tan can react in the hide.

**For hair-off or buckskin hides,** follow the same procedure above, also apply a thin application of **NuTan** to the de-haired side.

**For tubed skinned hides:** After **NuTan** has been applied and soaked in on one side, turn the skin over and apply to the other side – being sur to reach all flesh areas. Let this sit for 30 minutes, then reinvert it so the skin is flesh to flesh and let this sit for 24 hours.

**Step 8 Drying:** Open the **flat hide** and hang. Open the **tubed skin** and place it onto a pole, such as a broomstick handle so air can also get to the inside. Let it dry this way for 1-2 days, then, while it is still pliable, reinvert it again, so the flesh side is out and hang to dry for an additional 1-2 days.

Allow the hides to dry slowly at room temperature. Drying time will vary based on the hide thickness.

**Step 9 Breaking:** For hand breaking: start working the hide when it is semi-dry by stretching, pulling, rubbing over a dull edge, etc to break the fibers and keep it soft and flexible.

Break a **tube skin** with the flesh side out using the same methods above. Be careful working more delicate face, leg and tail areas.

If **NuTan** residue gets in the hair, wipe it down with a sponge dampened with soap and water. Or if needed, lightly rinse just the hair side with water trying to avoid wetting the flesh side.

**Taxidermy Tanning:** For best results, let the hide dry thoroughly, then rehydrate in plain, room temperature water until relaxed. Drain until damp and mount or roll up hair side out, place in plastic bag and freeze to mount later.

**Wet Tanning:** The hide can be mounted after **NuTan** has soaked in for 24 hours, commonly known as a “wet tan”.

For additional detailed information on using **NuTan** and our other tanning products, visit:

[advancedtanningsolutions.com](http://advancedtanningsolutions.com)

When in doubt, reach out 303.642.3060

**First Aid:** Do not get in eyes, on skin or on clothing. Causes eye irritation and may irritate skin causing dryness. *If in Eyes:* Flush with water for several minutes. *If on Skin and Clothing:* Wash skin with soap and water. Remove and wash 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, color variations, disease, mishandling, experience of the user, and are used under conditions beyond our control, as the seller, we make no guarantee or warranty expressed or implied as to the use of this product. All information contained herein is accurate to the best of our knowledge in good faith and is based upon thorough testing.

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