

Colloidal Oatmeal, USP

Specification Sheet

Description: Colloidal oatmeal (*Avena sativa* kernel flour) is the powder resulting from the grinding and further processing of whole oat grains. Finely ground, particle size 44 micrometer. Not tested for gluten-content (may contain gluten residues). Fine light tan powder. Soluble in water.

CAS: 134134-86-4

INCI Name: *Avena sativa* (Oat) kernel flour

Benefits:

- USF/NF grade
- Contains a variety of active ingredients including beta-glucans (responsible for water-holding functions), phenols, starch, savenacins, saponins, flavanoids, and also vitamin E
- Soothes stressed, blemished and irritated skin
- Helps to relieve dry and itchy skin
- Can be added to warm bath water; a home remedy for itchy or dry skin (sprinkle about 1 cup of oatmeal to a full bath tub). The oats do not sink due to the colloid action of the particles of grain dispersing through the water.

Use: Sprinkle into cold or hot water and mix well. Typical use level 5-30%. For external use only.

Applications: Creams, lotions, bath treatments, shower gels, shampoos, pet care products, protective creams.

Country of Origin: USA

Raw material source: Oat grains

Manufacture: Oat grains are cleaned and de-hulled to yield the groats which then are cut to reduce their size. The groats are steam-heat treated for stabilization and to reduce free fatty acids, destroy bacteria and prepare the groat for rolling, flake integrity and proper water holding. The oats are then flattened and pulverized to the desired particle size resulting in colloidal oatmeal.

Animal Testing: Not animal tested

GMO: GMO free but not certified

Vegan: Does not contain animal-derived components

Important Note: Colloidal oatmeal is registered as an OTC skin protectant drug with the FDA (Category I, minimum concentration 0.007% and 0.003% when in combination with mineral oil). This means that if you want



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to sell a finished product containing colloidal oatmeal and you make a skin protectant claim (including rashes, eczema, poison ivy, oak or sumac, insect bites), colloidal oatmeal must then be listed under 'Active Ingredients' on the label. Also, your facility and your product must be registered with the FDA and you must operate under cGMP guidelines. However, if no skin protectant drug claims are made on the label, colloidal oatmeal is not considered an OTC drug and no registration is needed.