

Cargill Salt in the Leather Tanning Process

Salt is a vital ingredient in the process of curing hides for the production of leather. Preparing hides begins by curing them with salt. Curing is employed to inhibit putrefaction of the protein substance (collagen) because of the chance of bacterial activity due to the time lag that might occur from procuring to processing the hide. Salt removes the excess water from the hides and skins where water activity is greatest because of difference in osmotic pressure. Thus the moisture content of hides and skins get greatly reduced.

Cargill Salt products commonly used in the tanning process

Hi-Grade Granulated Salt

Hi-Grade Granulated Salts are food grade, granular, white crystalline, sodium chloride manufactured under stringent process control procedures by vacuum evaporation of raw, untreated brine. Hi-Grade Salt is additive free and is available in several packaging sizes and configurations.

Top-Flo® Granulated Salt

Top-Flo® Granulated Salt is a food grade, granular, white crystalline, sodium chloride manufactured under stringent process control procedures by vacuum evaporation of raw, untreated brine. Top-Flo® Granulated Salt contains Yellow Prussiate of Soda as an anti-caking agent.*

Industrial Mill Salt

This material is a fine screened, white crystalline sodium chloride produced by the solar evaporation of brine. The salt crystals are refined by washing with clean saturated brine to remove surface impurities, drained of excess moisture, dried, and screened to size. This material contains no anti-caking or free-flowing additives or conditioners.

Kiln Dried Medium Salt

This material is an intermediate screened, sodium chloride salt crystallized by solar evaporation. The crystallized salt is washed to remove surface impurities, drained of excess moisture, dried, and screened to size. This material contains no anti-caking or free-flowing additives or conditioners.

Champion's Choice® Mix-n-Fine® Salt

This material is a fine-screened, sodium chloride salt, specially sized for blending in animal rations or for free choice feeding to livestock. This salt is suitable for all animal diets, but should not be used for direct human food applications. Available with or without Yellow Prussiate of Soda as an anti-caking agent.*

*Yellow Prussiate of soda is not recommended for use in areas with high iron content in water, as it can cause discoloration of the hide.



Percent Particle size distribution (Screens)

| Mesh Size | Top-Flo® | Hi-Grade | Ind Mill | KD Med | CC Mix-n-Fine |
|-----------|----------|----------|----------|--------|---------------|
| 8 | | | | 1 | |
| 10 | | | | 4 | |
| 12 | | | | 9 | 10 |
| 16 | | | 1 | 57 | 20 |
| 20 | | | 18 | 26 | 42 |
| 30 | | | 27 | 3 | 20 |
| 40 | 3 | 3 | 21 | | 10 |
| 50 | 56 | 56 | 13 | | |
| 70 | 38 | 38 | 10 | | |
| Pan | 3 | 3 | 10 | 0 | 10 |

Product Configuration

| PRODUCT NAME | SAP DESCRIPTION | SAP NUMBER | PALLET COUNT | PALLET PATTERN | PALLET DIMENSION | PALLET WEIGHT (LB) | PACKAGE CUBE (FT³) | PACKAGE DIMENSIONS | GTIN |
|---|-------------------------|------------|--------------|----------------|------------------|--------------------|--------------------|--------------------|-------------------|
| Hi-Grade Granulated Salt 25 lb. Bag | HI-GRD PL 25LB PA | 100012524 | 100 | 10 tiers | 40 x 48 x 39 | 2570 | 0.34 | 21 x 14 x 2 | 000 13600 01049 2 |
| Hi-Grade Granulated Salt 50 lb. Bag | HI-GRD 50LB PA | 100012525 | 49 | 7 tiers of 7 | 40 x 48 x 36 | 2505 | 0.59 | 26 x 13 x 3 | 000 13600 01045 4 |
| Top-Flo® Granulated Salt 50 lb. Bag | TOP-FLO 50LB PA | 100012546 | 49 | 7 tiers of 7 | 40 x 48 x 36 | 2505 | 0.59 | 26 x 13 x 3 | 000 13600 01075 1 |
| Industrial Mill Salt 50 lb. Bag | IND MILL SALT 50LB PE | 110018830 | 49 | 7 tiers of 7 | 40 x 48 x 36 | 2505 | 0.61 | 25 x 14 x 3 | 000 13600 01086 7 |
| KD Medium 50 lb. Bag | KD MED 50LB PE | 100012596 | 49 | 7 tiers of 7 | 40 x 48 x 36 | 2505 | 0.76 | 26.5 x 16.5 x 3 | 000 13600 01131 4 |
| Champion's Choice® Mix-n-Fine® 50 lb. Bag | CC MIX-N-FN 50LB PE | 100012682 | 49 | 7 tiers of 7 | 40 x 48 x 42 | 2505 | 0.92 | 26.5 x 16 x 4 | 000 13600 01003 4 |
| Champion's Choice® Mix-n-Fine® 50 lb. Bag YPS | CC MIX-N-FN YPS 50LB PE | 110010809 | 49 | 7 tiers of 7 | 40 x 48 x 42 | 2505 | 0.92 | 26.5 x 16 x 4 | 000 13600 85432 4 |

Additional configurations may be available. Please contact your Cargill representative for more information.

www.cargillsalt.com Customer Service: (800) 377-1017

© 2019 Cargill, Incorporated. All rights reserved.
SALT-3973 (5/19)

www.cargillsalt.com
www.cargillsaltstore.com

