

PRODUCT SPECIFICATION SHEET SPECIALLY DENATURED ALCOHOL Formula SDA 2B-4, 200 PROOF

(ANHYDROUS ETHANOL DENATURED WITH HEPTANE)

Grain Derived Ethanol

Catalog Number: 1232B4200-Size Code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

| TEST | SPECIFICATION | TYPICAL RESULT |
|---------------------------|-----------------------|----------------|
| Ethanol, 200 Proof | 99.50% (v/v) | Pass |
| Heptane | 0.50% (v/v) | Pass |
| Apparent Specific Gravity | 0.7895 - 0.7905 @ 20C | 0.7900 |
| Acidity | NMT 0.0025% | 0.001% |
| Odor | Characteristic | Pass |
| Color (Pt-Co) | 10 Max. | Pass |

Form: SDA 2B-4, 200, Rev 4.5, 01/21, MAL

TTB Authorized Uses:

As a solvent: Cellulose plastics; Non-cellulose plastics, including resins; Photographic film and emulsions; Transparent sheeting; Explosives; Cellulose compounds (dehydration); Sodium hydrosulfite (dehydration); Other dehydration products; Petroleum products; Processing pectin; Processing other food products; Processing crude drugs; Processing glandular products, vitamins, hormones, and yeasts; Processing antibiotics and vaccines; Processing medicinal chemicals (including alkaloids); Miscellaneous drug processing (including manufacture of pills); Processing dyes and intermediates; Processing perfume materials and fixatives; Processing photographic chemicals; Processing other chemicals; Processing miscellaneous products; As a raw material: Ethyl acetate; Ethyl chloride; Other ethyl esters; Sodium ethylate, anhydrous; Ethylamines; Dyes and intermediates; Acetaldehyde; Other aldehydes; Ethyl ether; Other ethers; Ethylene dibromide; Ethylene gas; Xanthates; Drugs and medicinal chemicals; Organo-silicone products; Other chemicals.

Miscellaneous uses: Product development and pilot plant uses (own use only).

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.