



PRODUCT SPECIFICATION SHEET

SDA 40A / 190 PROOF

(ETHANOL DENATURED WITH TERT-BUTYL ALCOHOL AND SUCROSE OCTAACETATE)

Grain Derived Ethanol

Catalog # / Product Code: 12340A190-Size Code*

Available in the following sizes:

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

| TEST | SPECIFICATION | TYPICAL RESULT |
|---------------------------|---------------------------------|----------------|
| Ethanol, 190 Proof | 99.73% (w/w) | Pass |
| t-Butyl Alcohol | 0.12% (w/w) | Pass |
| Sucrose Octaacetate | 0.15% (w/w) | Pass |
| Apparent Specific Gravity | 0.8158- 0.8170 @ 15.56C | 0.813 |
| Appearance | Clear, Free of Suspended Matter | Pass |
| Acidity | 0.0025% max. | 0.001% |
| Odor | Characteristic | Pass |
| Color (Pt-Co) | 10 Max. | < 10 |

Form: SDA 40A, 190, #101, Revision 4.5, 08/15, KD

Authorized uses:

As a solvent: Hair and scalp preparations, bay rum, lotions and cream (hand, face and body), deodorants (body), perfumes and perfume tinctures, toilet waters and colognes, shampoos, soaps and bath preparations, external pharmaceuticals (not U.S.P. or N.F.), disinfectants, insecticides, fungicides, and other biocides, cleaning solutions (including household detergents), theater sprays, incense, and room deodorants

Miscellaneous uses: product development and pilot plant use (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.