



PRODUCT SPECIFICATION SHEET
MULTI-PURPOSE GENERAL USE Formula MP 3A-1, 200 PROOF
 (ETHANOL DENATURED WITH METHANOL AND N-PROPYL ACETATE)
Grain Derived Ethanol

Catalog # / Product Code: 127MP3A1200-Size Code*

Available in the following sizes:

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

| TEST | SPECIFICATION | TYPICAL RESULT |
|-----------------------------------|---------------------|----------------|
| Ethanol | 94.30% (v/v) | Pass |
| Methanol | 4.71% (v/v) | Pass |
| n-Propyl Acetate | 0.99% (v/v) | Pass |
| Apparent Specific Gravity | 0.790 - 0.793 @ 20C | 0.792 |
| Acidity ((wt/wt)% as acetic acid) | 0.0025% max | 0.001% |
| Odor | Characteristic | Pass |
| Color (Pt-Co) | 10 Max. | <10 |

Form: MP3A-1 200, Rev. 1.0, 01/17, EF

Authorized Uses:

As a Solvent: Cellulose coatings; Synthetic resin coatings; Other coatings; Cellulose plastics; Non-cellulose plastics, including resins; Photographic film and emulsions; Transparent sheeting; Explosives; Cellulose intermediates and industrial collodions; Soldering flux; Adhesives and binders; Solvents, special (restricted sale); Polishes; Inks (including meat branding inks); Stains (wood, etc.); Shampoos; Soaps and bath preparations; 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); Processing blood and blood products; Miscellaneous drug processing (including manufacture of pills); Processing dyes and intermediates; Processing perfume materials and fixatives; Processing photographic chemicals; Processing rosin; Processing rubber (latex); Processing other chemicals; Processing miscellaneous products; Disinfectants, insecticides, fungicides, and other biocides; Embalming fluids and related products; Sterilizing and preserving solutions; Industrial detergents and soaps; Cleaning solutions (including household detergents); Theater sprays, incense, and room deodorants; Photoengraving and rotogravure dyes and solutions; Other dye solutions; Miscellaneous solutions (including duplicating fluids)

As a raw material: Ethylamines; Dyes and intermediates; Drugs and medicinal chemicals; Organo-silicone products; Other chemicals; Synthetic resins.

As a fuel: Automobile and supplementary fuels; Airplane and supplementary fuels; Rocket and jet fuels; Proprietary heating fuels; Other fuel uses.

As a fluid: Scientific instruments; Brake fluids; Cutting oils; Refrigerating uses; Other fluid uses.

Miscellaneous uses: General laboratory and experimental use (own use only); Laboratory reagents for sale; Product development and pilot plant uses (own use only); Specialized uses (unclassified).

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.