



PRODUCT SPECIFICATION SHEET
SPECIALLY DENATURED ALCOHOL Formula SDA 1-1 / 190 PROOF
(ETHANOL DENATURED WITH METHANOL AND DENATONIUM BENZOATE)

Grain Derived Ethanol

Catalog Number / Product Code: 123011190-Size Code*

Alternative Catalog #: 1-1/B-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	96.15% (v/v)	Pass
Methanol	3.85% (v/v)	Pass
Denatonium Benzoate	0.001%	Pass
Apparent Specific Gravity	0.811 - 0.812 @ 20C	0.812
Acidity(wt/wt% as acetic acid)	0.0025% max	0.001%
Odor	Characteristic	Pass
Color (Pt-Co)	10 Max.	10

Form: SDA 1-1,190, #101, Rev. 4.6, 08/15, KD

Authorized Uses:

As a solvent: Cellulose coatings; Synthetic resin coatings; Shellac coatings; Other natural 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; Proprietary solvents; Solvents and thinners (other than proprietary solvents or special industrial solvents); Solvents, special (restricted sale); Polishes; Inks (not including meat branding inks); Stains (wood, etc.); Shampoos; Soap 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); Photoengraving and rotogravure dyes and solutions; Other dye solutions; Miscellaneous solutions (including duplicating fluids).

As a raw material: Ethyl acetate; Ethyl chloride; Other ethyl esters; Ethylamines; Dyes and intermediates; Acetaldehyde; Other aldehydes; Ethyl ether; Other ethers; Ethylene dibromide; Ethylene gas; Xanthates; Fulminate of mercury and other detonators; Drugs and medicinal chemicals; Other chemicals.

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 oil; Refrigerating uses; Other fluid uses; Proprietary anti-freeze. **Miscellaneous uses:** 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.