



PRODUCT SPECIFICATION SHEET
STERILE SDA FORMULA 3C, 150 PROOF
0.22 micron filtered
Gamma Irradiated
Grain Derived Ethanol

Catalog # / Product Code # 123AS3C150-Size Code*

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

Product Formula:	Percent By Volume: (+/- 1%)
SDA Formula 3C	75.0%
Water	25.0%

Components:	Percent By Weight: (+/- 1%)	CAS #:
Ethanol	67.06%	64-17-5
Isopropanol	3.32%	67-63-0
Water	29.62%	7732-18-5

Product Specifications:

TEST	SPECIFICATION	TYPICAL RESULTS
Specific Gravity @ 20°C	0.870 - 0.865	0.8674
Appearance	Clear liquid, free from sediment	Pass
Color (Pt-Co)	10 max.	< 10
Acidity (wt/wt% as acetic acid)	0.0025%	0.001%
Assay Total Alcohols (wt/wt%)	70.38% +/- 1%	Pass
Odor	Characteristic	Pass
Sterility	To Pass Test	Pass

Form: SDA Form 3C, 150, #201, Rev. 1.1, 08/15, KD

DOT Information: Alcohol, n.o.s. Hazard Class: 3 PG: II UN 1987 (CAS#'s above)

Statement of Processing – Pharmco Products Inc. certifies that every lot of the defined product has been gamma irradiated between 25kGy – 50kGy.

Statement of Sterility Validation – This product is certified to be validated as sterile, in accordance with modified AAMI/ANSI/ISO 11137:2006 Guidelines.

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.