

Prairie Green™ Ethyl Acetate

General Description: Ethyl Acetate (CAS No. 141-78-6) is a colorless, low-boiling, fast-evaporating solvent with a mild, pleasant odor. Ethyl Acetate principal uses are in formulating printing inks, adhesives, coatings and varnishes. Ethyl acetate is miscible with most organic solvents and can also be used for cleaning and degreasing of surfaces such as printed circuit boards. Prairie Catalytic uses only renewable bio-ethanol for the synthesis of its Ethyl Acetate.

Certifications: Prairie Green™ Ethyl Acetate is a USDA Certified Biobased Product meeting all requirements under the USDA BioPreferred® program and is comprised of 100% biobased materials.



Safety: While stable under normal storage and use conditions, Ethyl Acetate is flammable and appropriate precautions should be taken in its handling and storage. In high concentration, vapors may cause drowsiness and dizziness. Repeated and prolonged direct exposure may cause skin dryness or cracking. It may be harmful by inhalation, in prolonged contact with skin and if swallowed. Consult separate MSDS for specific information.

Product specifications: Prairie Green™ Ethyl Acetate exceeds ASTM D4614-11 (November 2011) specifications for Urethane Grade Solvent 99.5U (Urethane Grade) as in the table below:

Property	Specification	Unit	Test Method
Purity	Min 99.7	Weight %	D3545
Ethanol	Max 0.04	Weight %	D3545
Color	Max 5	Pt-CO Units	D1209 or D5386
Distillation range	75.5-78.0	°C	D1078
Non-volatile matter	Max 5	mg/100 mL	D1353
Odor	Non-residual		D1296
Water	Max 0.03	Weight %	D1364
Acidity	Max 0.005	Weight %	D1613
Apparent Specific Gravity at 20 °C	0.900-0.903		D891 or D4052

Disclaimer: The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product concerning appropriate safety precautions. It does not represent any guarantee of the properties of the product nor its suitability for any particular application. Prairie Catalytic LLC and its Affiliates shall not be held liable for any damage resulting from handling or contact with the above product. Prairie Catalytic, LLC and its Affiliates reserves the right to modify at any time and without notice these product specifications.

Exclusive distributor: Helm U.S. Corporation
 11700 Katy Freeway
 Energy Tower - Suite 600
 Houston, TX 77079
 USA
info@helmusa.com
www.helmusa.com

