

HALAL STATEMENT – GRAIN ETHYL ALCOHOL
(PPS187, Rev. 1.4, 02/18, KMC)

Grain Ethyl Alcohol sold by Greenfield Global USA Inc. is derived by the physical, microbiological, or enzymatic processes from grain. A multistage distillation process performs separation and purification of the final product.

Grain Ethyl Alcohol is produced at an industrial chemical plant, it is not extracted from alcoholic beverages, and it is not intended for beverage use.

In addition, the following process statements about the grain alcohol production can be made:

- Raw materials used in manufacture of grain ethyl alcohol are not of animal origin.
- Raw materials do not contain nor come in contact with products of animal origin at any point of the manufacturing process.
- Grain derived ethyl alcohol production does not involve use of bacteria, or solvents in the manufacturing process.
- Manufacturing facilities producing and processing Grain Ethyl Alcohol do not handle any products of animal origin.

HALAL refers to any object permissible to use according to Islamic Law. While alcoholic beverages are viewed as intoxicating agents and are not permitted, small amounts of industrial ethanol might be allowed in certain manufacturing applications.

Determination of suitability of any Greenfield Global USA Inc. products for any application is at the discretion on the end users. Please contact your Halal Certification Authority to obtain definitive clarification of this matter.