

SPARTAN CHEMICALS

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FOODSAFE ANTIFREEZE PLUS 888

(and Solar Power Heat Transfer Fluid)

NU 455

Based on Mono Propylene Glycol USP/EP (PG USP/EP) which is a pharmaceutical grade of mono propylene glycol (PG or MPG) with a specified purity of greater than 99.8%. Originally tested for compliance with the current USP, EP, and Japanese pharmacopoeia (JP) specifications plus the Food Chemical Codex (FCC); it also complies with the Brazilian pharmacopoeia, and other pharmaceutical, cosmetic and food regulations in the global markets where it is sold. In its original form is listed by the Cosmetic, Toiletry and Fragrance Association as an approved ingredient in cosmetics and its use is reviewed by the Cosmetic Ingredient Review (CIR). PG USP/EP from Dow is Kosher certified and complies with Halal requirements. PG USP/EP is an important ingredient for a multitude of uses.

- A solvent for aromatics in the flavour-concentrate industry
- A wetting agent for natural gums
- An agent in the compounding of citrus and other emulsified flavours
- A solvent in elixirs and pharmaceutical preparations
- A solvent and coupling agent in the formulation of sun screen lotion shampoos, shaving creams and other similar products
- An emulsifier in cosmetic and pharmaceutical creams
- An ingredient for high/low-temperature heat-transfer fluids, involving indirect food contacts, such as brewing and dairy uses, as well as refrigerated grocery display cases, chillers etc. Ideal for marine applications – non-toxic when compared to conventional antifreeze products.
- A very effective humectant, preservative, and stabilizer in semi-moist pet food (with the exception of cat food), bakery goods, food flavourings and salad dressings

Application

Please see machine manufacturers requirements – This is pre-diluted material which is dyed yellow to aid identification and help users determine that material has been added to a system. Use as supplied Also has added *multi metal* corrosion inhibitors to prevent attack on sensitive metals within the system.