

www.pilotchemical.com

2744 East Kemper Road • Cincinnati, OH 45241

ARISTONIC[®] ACID H
PRODUCT DATA SHEET**PRODUCT DESCRIPTION**

Aristonic[®] Acid H is a high molecular weight, oil soluble; water miscible alkyl aryl sulfonic acid with very consistent performance and manageable viscosity. Neutralized Aristonic[®] Acid H finds use in a wide variety of industrial lubricant applications where excellent corrosion protection, dispersion or emulsification is required.

CHEMICAL NAME

Proprietary Alkyl Aryl Sulfonic Acid (Synthetically Derived Petroleum Sulfonate)

TYPICAL PROPERTIES

Appearance @ 25°C	Oily Brown Viscous Liquid
Active (Wt. %)	85.0
Sulfuric Acid (Wt. %)	<0.75
Equivalent Weight (g/eq)	490
Molecular Weight	445
Solubility in Water	Dispersible at 10% or less, may gel

APPLICATIONS**Emulsifier Packages**

Neutralized Aristonic[®] Acid H is an excellent emulsifier for naphthenic oils and offers good corrosion inhibition in both soluble oil and semisynthetic formulations. It is fully compatible with a wide range of bases, solvents, emulsifiers, coupling agents, bactericides, antioxidants and corrosion inhibitors.

Neutralized Products

Aristonic Acid H can be neutralized to the Li, Ca, Mg, and Ba sulfonates that feature excellent corrosion inhibition and lubricity performance in coating and lubrication applications.

ADVANTAGES

Aristonic[®] Acid H does not contain diluent oil, organic solvents, mineral oil or Hazardous Air Pollutants (HAP's). Aristonic[®] Acid H complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

REGULATORY

- Aristonic[®] Acid H is listed in the following inventories: USA-TSCA, Canadian-DSL, EEC-EINECS, Japanese-ENCS, Korean-ECL and China.

STORAGE & HANDLING

Aristonic[®] Acid H is a class-8 corrosive strong acid; employ normal safety precautions for handling strong acids (i.e. gloves, goggles and long sleeves). Wash thoroughly after handling; avoid contact with skin and eyes. Do not store with strong oxidizing agents. Containers should be stored at temperatures between 60°F and 100°F, avoid excessive heat. Keep containers tightly closed in a cool, well-ventilated place. Please refer to the MSDS before handling Aristonic[®] Acid H.

PACKAGING

Aristonic[®] Acid H is available in 55-gallon tight head polyethylene drums (net weight 430lb / 195kg) and poly totes (net weight 2000lb / 905 kg).

See additional product information, at www.pilotchemical.com

The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.

