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ARISTONATE® L

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

Aristonate® L is a low molecular weight, low foam member of Pilot's new generation of oil soluble sodium alkyl aryl sulfonates. Aristonate® L is a clear, dark brown, sodium petroleum sulfonate of medium viscosity, which finds use in a wide variety of low foam emulsification, corrosion protection and lubrication formulations.

CHEMICAL NAME

Proprietary Sodium Alkyl Aryl Sulfonate (Synthetically Derived Petroleum Sulfonate)

TYPICAL PROPERTIES

Appearance @ 25°C	Clear brown liquid
Odor	Slight
Active (Wt. %)	60.0 min
Sodium Sulfate (Wt. %)	0.75 max
Water (Wt. %)	5.0 max
% Volatile by Volume:	5.0
Molecular Weight	400
Density (lbs/gal)	8.5
pH (10% solution)	10.0
Solubility in Water	Dispersible

APPLICATIONS

Emulsification and Dispersion

Aristonate® L provides excellent emulsification and dispersion properties in cutting oils, surface coating, pigment wetting and spindle oil applications. Aristonate® L also imparts excellent emulsification characteristics for oil in water, water-in-oil, and solids in oil formulations.

Textile Oils

Aristonate® L is the emulsifier of choice for oil into water and water into oil for the formation of high water based lubricants and specialty oils for the textile industry. Formulations based on Aristonate® L impart maximum lubricity and heat dissipation to metal parts where high speed contact with fibers creates heat buildup and wear.

High Water Based Fluids

Aristonate® L has the optimum balance of hydrophilic and lipophilic properties for the formulation of low oil, high water based fluids such as grinding oils or parts cleaners.

PERFORMANCE

Aristonate® L is unmatched for consistency in performance, reducing the need for formulation adjustments due to quality variations in the emulsifier package.

ADVANTAGES

Aristonate® L is compatible with a wide range of solvents, secondary emulsifiers, coupling agents, bactericides, antioxidants and corrosion inhibitors.

STORAGE & HANDLING

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling. Avoid eye and prolonged skin contact. Wash thoroughly after handling material. Material should be warmed to 100 - 120°F before using. Do not store drums near open flames or strong oxidants. Containers should be stored at temperatures above 50° F. Avoid excessive heat. Heated and agitated iron or steel tanks should be used for bulk storage. Please refer to the MSDS before handling Aristonate® L.

PACKAGING

Aristonate® L is available in 55-gallon open head steel drums (net weight 450 lb/205 kg); bulk quantities are available by tank car or tank truck.

See starting formulas and additional product information, at www.pilotchemical.com

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