



AOS-40

PRODUCT DATA SHEET

PRODUCT DESCRIPTION AOS-40 is environmentally friendly, biodegradable, aqueous solution of sodium C14-16 alpha olefin sulfonate. AOS-40 combines the advantages of high foaming power, good emulsification, mildness to the skin and excellent lime soap dispersion to give the formulator flexibility for personal care and detergent products.

INCI NAME Sodium C14-16 Olefin Sulfonate

CAS # 68439-57-6

TYPICAL PROPERTIES	Appearance @ 25°C	Amber colored liquid
	Activity (Wt. %)	40.0
	Unulfonated Material (Wt. %)	1.0
	Sodium Sulfate (Wt. %)	1.0
	Color (5% Active, Klett, 40 mm, #42 Filter)	60.0
	pH (10% Solution)	8.0
	Viscosity @ 25°C, cps	125
	Foam Height (mm@1% actives, 25°C, initial/5min)	155/140
	Liquid Density (lbs/Gal @ 25°C)	8.7
	Solubility in Water	Infinite

APPLICATIONS **Personal Care and H I & I Products**

AOS-40 is an environmentally friendly anionic surfactant with luxurious, mild and copious foam that is gentle to the skin and perfect for personal care and HI&I formulations. AOS-40 is an outstanding flash foamer, creates dense foam with excellent wetting and cleansing action. Viscosity building can be achieved with amides, betaines and/or salt. AOS-40 has a high tolerance for pH variations and is relatively unaffected by changing water hardness. AOS-40 is perfect for bubble bath, shampoo, shower gel, hand and facial cleanser, pet shampoo, laundry, dish wash, car wash, all purpose cleaner, bathroom cleaner, and more.

ADVANTAGES AOS-40 has excellent cost/performance characteristics and is readily biodegradable. AOS-40 produces personal care products with excellent foam properties, broad pH stability, viscosity, and mildness characteristics. AOS-40 contains no VOC's.

HANDLING & STORAGE Refer to the Safety Data Sheet (SDS) available from Pilot Chemical Company for information on the safe use, handling, and disposal of this product.

PACKAGING 485Lb Polyethylene Drums, 2300Lb Polyethylene Tote, and Bulk