PILOT CHEMICAL COMPANY

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www.pilotchemical.com
9075 Centre Pointe Drive • Suite 400
West Chester, OH 45069

CALSOFT® L-60

PRODUCT DATA SHEET

PDS 406S01.2.ACTIVE.09192024

PRODUCT DESCRIPTION

Calsoft® L-60 is a 60% solids solution of sodium linear alkylbenzene sulfonate. Calsoft® L-60 is an effective wetting agent, surface tension reducer, foaming agent, and detergent for use in HI&I applications.

COMMON CHEMICAL NAME

Sodium Linear Alkylbenzene Sulfonate

CAS #

68081-81-2

TYPICAL PROPERTIES

Appearance (25°C)	Hazy, opalescent, white pasty liquid
Solids, wt. %	60.0
Color (5% active solution, 40mm.), Klett	< 50
pH (10% solution)	7.0 – 8.0
Foam Height (1% active solution, 25°C), mm	Initial: 148; 5 Minutes: 140
Solubility in Water	Miscible
Freeze Point	27.9°F (-2.3°C)
Shelf Life	1 Year

APPLICATIONS

Calsoft® L-60 is a high foaming anionic surfactant that offers outstanding detergency, emulsification, and soil removal performance on a wide variety of hard and soft surfaces. Calsoft® L-60 is perfect for manual dish wash, laundry, car wash, hard surface cleaners and more. Alkanolamides, amine oxides, betaines and salt can be used to increase the viscosity of Calsoft® L-60 based formulas. Calsoft® L-60 functions as an emulsion stabilizer in the preparation of emulsion polymers. The detersive, foaming and emulsifying characteristics of Calsoft® L-60 make it adaptable for use in agricultural emulsions, dye bath leveling and air entrainment for concrete and gypsum board.

ADVANTAGES

Calsoft® L-60 is manufactured using proprietary sulfonation technology which produces a superior quality and consistent product. Calsoft® L-60 is pumpable at ambient temperatures and becomes clear at temperatures over 100° F.

Calsoft® L-60 is CleanGredients® Listed, which means it has been pre-approved by the U.S. EPA to meet the criteria of their Safer Choice Standard. This certification may streamline the approval process for EPA's Safer Choice program, getting a formulator's Safer Choice labeled product to market faster.

STORAGE & HANDLING

Refer to the Calsoft® L-60 SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Spilled material is slippery and foams profusely when hit with a stream of water. Do not store with strong oxidizing agents. Recommended storage temperatures above 33°F. Material may separate at low storage temperatures or on prolonged standing. Mix to reconstitute if separation occurs.

PACKAGING

Calsoft® L-60 is available in 450 lb. poly drums and bulk quantities.

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.

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