PILOT® CHEMICAL COMPANY

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# CALSOFT® L-40

## PRODUCT DATA SHEET

PDS.404S00.2.ACTIVE.11192021

**PRODUCT DESCRIPTION**

Calsoft® L-40 is a 40% solids sodium linear alkylbenzene sulfonate. Calsoft® L-40 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) | Clear yellow liquid |
| Solids, wt. % | 40.0 |
| Color (5% active solution, 40mm.), Klett | < 50 |
| pH (as is) | 7.0 – 8.0 |
| Water Solubility | Miscible |
| Foam Height (1% active solution, 25°C), mm. | Initial: 141; 5 Minutes: 134 |
| Density, lbs./gal. | 9.00 |
| Freeze Point, °C (°F) | 3.1 (37.6) |
| Shelf Life | 2 Years |

**APPLICATIONS**

Calsoft® L-40 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-40 is perfect for manual dish wash, laundry, fine fabric wash, car wash, hard surface cleaners and more. Alkanolamides, amine oxides, betaines and salt can be used to increase the viscosity of Calsoft® L-40 based formulas. The detergent, foaming and emulsifying characteristics of Calsoft® L-40 make it adaptable for use in agricultural emulsions, dye bath leveling and air entrainment for concrete and gypsum board.

**ADVANTAGES**

Calsoft® L-40 is manufactured using proprietary sulfonation technology which produces a superior quality and consistent product. Calsoft® L-40 is readily pumpable at temperatures above 40°F.

Calsoft® L-40 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.

**HANDLING & STORAGE**

Refer to the Calsoft® L-40 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 are 51-120°F. Avoid freezing and excessive heat. If material is frozen, mild heat (70-90°F) and agitation should bring product back to original quality. Ensure product is homogenous before use.

**PACKAGING**

Calsoft® L-40 is available in 450 lb. poly drums, 2300 lb. poly totes and bulk quantities.

***See starting formulas and 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 confim 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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