PILOT® CHEMICAL COMPANY

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# CALFOAM® ES-702 5 MAX HV

## PRODUCT DATA SHEET

PDS 327S18.2.ACTIVE.04032024

**PRODUCT DESCRIPTION**

Calfoam® ES-702 5 MAX HV is a sodium salt of lauryl alcohol ethoxy sulfate containing an average of 2 moles of ethylene oxide with up to 5 ppm (at time of lot creation) 1,4-Dioxane. Calfoam® ES-702 5 MAX HV offers superior viscosity building characteristics. It is a viscous, fluid liquid produced by continuous sulfation of a natural fatty alcohol ethoxylate.

**COMMON CHEMICAL NAME**

Sodium Laureth Sulfate

**CAS #**

68585-34-2

**TYPICAL PROPERTIES**

| | |
|---|---|
| Appearance (25°C) | Clear to slightly hazy liquid |
| Activity, wt. % | 68.0-72.0 |
| 1,4-Dioxane (as is), ppm | 5 Max. (at time of lot creation) |
| Unsulfonated material, wt. % | 3.0 Max. |
| Sodium Sulfate, wt. % | 2.0 Max. |
| Sodium Chloride, wt. % | 0.5 Max. |
| pH (4% solution) | 8.0-10.0 |
| Shelf Life | 1 Year |

**APPLICATIONS**

Calfoam® ES-702 5 MAX HV provides copious foaming for personal care product formulations. It can be combined with cocamidopropyl betaine and coconut diethanolamide for mild and luxurious bath products. Calfoam® ES-702 5 MAX HV is perfect for bubble bath, shampoo, shower gel, facial cleanser, liquid hand cleaner, fabric care, hand dish wash, and car care products.

**ADVANTAGES**

Calfoam® ES-702 5 MAX HV has up to 5 ppm (at time of lot creation) 1,4-Dioxane. Calfoam® ES-702 5 MAX HV is a high purity, low salt, and low color sodium laureth sulfate that offers excellent flash foaming, foam stability, air entrainment, detergency, and mildness. Calfoam® ES-702 5 MAX HV does not contain a diluent alcohol, important for formulas that require the absence of a solvent.

**HANDLING & STORAGE**

Refer to the Calfoam® ES-702 5 MAX HV SDS (Safety Data Sheet) before storing, handling or using. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a plastic or plastic lined steel, tightly closed container. Do not store with strong oxidizing agents. 1,4-Dioxane levels may change as a result of time, temperature, pH, and other product ingredients. Do not store product above ambient temperature (~65-78°F or ~18-26°C). Storage of product above ambient temperature can generate, affect or increase 1,4-Dioxane levels in the product.

**PACKAGING**

Calfoam® ES-702 5 MAX HV is available in 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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