PILOT CHEMICAL COMPANY

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

CALSOFT® OS-45S
PRODUCT DATA SHEET

PDS 465S45.1.ACTIVE.09042024

PRODUCT DESCRIPTION

Calsoft® OS-45S is a sodium oleic sulfonate with excellent wetting, solubilization and low foam detergency characteristics. Calsoft® OS-45S can be used in a variety of industrial and specialty applications.

INCI NAME

Sodium Oleic Sulfonate

CAS #

68443-05-0

TYPICAL PROPERTIES

Appearance	Clear, dark brown liquid
Active, wt.%	42.0-47.0
Shelf Life	1 Year

APPLICATIONS

Industrial Cleaning Compounds
Calsoft® OS-45S is a great solubilizer, excellent wetting agent and low foaming detergent perfect for food processing and cleaning applications.

Emulsion Polymerization
Calsoft® OS-45S offers consistent emulsification in various latex applications. Perfect for styrene butadiene carboxylated latex (carpet and paper coatings).

Specialty Applications
Calsoft® OS-45S can be used in several specialty applications including wetting agent for dust control, electrochemical processing aid, floatation agent in wastewater treatment, ore leaching assistant, crystal growth controller and as a defoamer in acid media such as phosphoric acid production.

ADVANTAGES

Calsoft® OS-45S is a readily pumpable liquid at temperatures above 32°F.

HANDLING & STORAGE

Please refer to the Calsoft® OS-45S Safety Data Sheet (SDS) before handling. Employ normal safety precautions (i.e., glove and safety goggles) when handling. Prevent contact with skin and avoid contact with eyes. Wash hands thoroughly after handling material. Keep containers closed when not in use. Recommended storage temperatures are 50-104°F. Avoid overheating or freezing. Product may lose effectiveness if stored at or above 140°F. If material is frozen, use mild heat (68-104°F) and agitation to ensure the material is homogenous before use.

PACKAGING

Calsoft® OS-45S is available in 500 lb. poly drums.

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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