PILOT CHEMICAL COMPANY

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MASODOL® 25-7

PRODUCT DATA SHEET

PDS 841370.2.ACTIVE.06112024

PRODUCT DESCRIPTION

Masodol® 25-7 is a linear primary alcohol ethoxylate nonionic surfactant. With its degreasing, wetting, dispersing, detergent, and oil solubilizing properties, Masodol® 25-7 is a unique, multifunctional surfactant for use in a wide range of products and applications.

COMMON CHEMICAL NAME

7 Mol C12-15 Linear Alcohol Ethoxylate

CAS #

68131-39-5

TYPICAL PROPERTIES

Clarity	Clear to slightly hazy
Color (as is), APHA	< 50
Activity, wt.%	> 99
Water Content, wt. %	< 0.50
Cloud Point (1% solution), °C	50
Acid Number, mg. KOH/g.	0.01 – 0.25
HLB	12.3
Solubility in Water	Miscible
Shelf Life	2 Years

APPLICATIONS

Based on a C12-15 chain linear alcohol, Masodol® 25-7 demonstrates efficient wetting, moderate to low foam, and emulsification of soils for improved cleaning performance in a range of detergent formulations. Masodol® 25-7 is an excellent wetting agent, emulsifier, detergent, dispersant and solubilizer that can be used in many types of HI&I products including: paints & coatings, water-based degreasers, laundry and textile wetting, spray dried detergents, deinking, vehicle, and household hard surface cleaners. Formulators may use Masodol® 25-7 as a standalone surfactant or with amphoteric, cationic, and anionic surfactants.

ADVANTAGES

Masodol® 25-7 is on the List of Trade Names of Inert Ingredients Database. Masodol® 25-7 is approved for use as an inert ingredient in pesticide formulations for food use, nonfood use, and is exempt from requirement of a tolerance under 180.910, 180.930, 180.940a*, and 180.960 without limitation.

**Pilot Chemical Company is a listed company with data citation rights for Joint Inert Task Force Cluster 1.*

STORAGE & HANDLING

Refer to the Masodol® 25-7 SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container. Do not store with strong oxidizing agents. Avoid freezing and excessive heat. Recommended storage temperatures are 70-100°F. If exposed to cooler temperatures, product can separate. Mild heat and agitation should bring product back to original quality. Avoid temperatures > 175°F which may cause yellowing of the product. Ensure product is homogenous before use.

PACKAGING

Masodol® 25-7 is available in 450 lb. steel drums.

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.

RESPONSIBLE CARE®