

Fentacat F1 catalyst CAS15875-13-5 Solvay

Fentacat F1 is a water-soluble non-ionic surfactant with excellent foaming, decontamination, wetting and dispersion properties. It is a clear, colorless liquid with a mild odor.

Product Overview

Fentacat F1 is a versatile surfactant that can be used in a variety of applications, including:

Detergent formulations

Personal care supplies

Industrial cleaners

Paints and coatings

Agriculture

Physical and chemical properties

CAS Number: 15875-13-5

Alias: 1,3, 5-tri (3-(dimethylamino-) propyl) hexahydro-1,3, 5-triazine

Molecular formula: C₁₂H₂₅OSO₃Na

Newtop Chemical Materials (Shanghai) Co.,Ltd.

Address: Rm1104 ,No. 258, West SongXing Road, BaoShan District, Shanghai, China.

Mobile Phone: +0086-183 0190 3151 E-mail: info@newtopchem.com www.newtopchem.com

Molecular weight: 286.36 g/mol

Application

Fentacat F1 can be used in a variety of applications, including:

- **Detergent formulation:** Fentacat F1 can be used in a variety of detergent formulations, including washing powders, dishwashing detergents and hand sanitizers. It has excellent foaming, decontamination, wetting and dispersing properties.
- **Personal care products:** Fentacat F1 can be used in a variety of personal care products, including shampoos, conditioners, body washes and lotions. It has excellent foaming, decontamination, wetting and dispersing properties.
- **Industrial Cleaners:** Fentacat F1 can be used in a variety of industrial cleaners, including floor cleaners, degreasers, and metal working fluids. It has excellent foaming, decontamination, wetting and dispersing properties.
- **Paints and coatings:** Fentacat F1 can be used in a variety of paints and coatings, including primers, topcoats, and adhesives. It has excellent foaming, decontamination, wetting and dispersion properties.
- **Agriculture:** Fentacat F1 can be used in a variety of agricultural applications, including crop protection, seed treatment, and fertilization. It has excellent foaming, decontamination, wetting and dispersion properties.

Advantages

Fentacat F1 has a number of advantages over other surfactants, including:

- **Excellent foaming properties:** Fentacat F1 produces abundant, stable, and long-lasting foams.
- **Detergency:** Fentacat F1 is very effective at removing dirt, oil and other contaminants.
- **Wetting:** Fentacat F1 wets surfaces quickly and evenly.
- **Dispersion:** Fentacat F1 disperses pigments, dyes, and other ingredients evenly throughout the formula.

Manufacturing Method

Fentacat F1 is made through a process called esterification. In this process, fatty acids react with alcohols to form esters. This ester then reacts with sulfonic acid to form a surfactant.

Precautions for use

Fentacat F1 is a safe and effective surfactant when used as directed. However, be sure to follow the manufacturer's instructions carefully. Fentacat F1 can irritate the eyes and skin. If it comes into contact with your eyes or skin, rinse with water for at least 15

minutes. If swallowed, do not try to induce vomiting. Seek immediate medical attention.

Storage and disposal

Fentacat F1 should be stored in a cool, dry place. It should be kept out of reach of children and pets.



Shelf life:

Remain unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

Technical support and business contacts E-mail: info@newtopchem.com