

Fentacat F14 catalyst CAS112945-86-2 Solvay

Product Overview

Fentacat 14 is a water-soluble non-ionic surfactant that can be used in a variety of applications, including:

Personal care products, such as shampoos, conditioners, and lotions

Cosmetics, such as lipstick, eyeshadow, and foundation

Industrial products such as paints, coatings, and adhesives

Fentacat 14 is a safe and effective surfactant that is gentle on skin and hair. It is also biodegradable and environmentally friendly.

Physical and chemical properties

The following table lists the physical and chemical properties of Fentacat 14:

Properties	value
CAS number	112945-86-2

Alias	14-(2-ethylhexoxy) -dimethyl 2-propionate
Molecular formula	C ₂₄ H ₄₆ O ₄
Molecular weight	398.62 g/mole
Appearance	Clear colorless liquid
Density	0.94 g/cm ³
Solubility	Soluble in water, alcohols, and most organic solvents

drive_spreadsheet Exports to the table

Apply

Fentacat 14 is a versatile surfactant that can be used in a variety of applications. Some of its most common uses include:

- **Personal care products:** Fentacat 14 is a common ingredient in shampoos, conditioners, lotions, and other personal care products. It helps to cleanse the skin and hair, and can also help improve the texture and appearance of your skin and hair.
- **Cosmetics:** Fentacat 14 is also used in a variety of cosmetics, such as lipstick, eyeshadow, and foundation. It helps improve the color, texture, and application of these products.
- **Industrial products:** Fentacat 14 is also used in a variety of industrial products, such as paints, coatings and adhesives. It helps to improve the wetting, dispersing, and emulsifying properties of these products.

Pros

Fentacat 14 has a number of advantages over other surfactants, including:

- It is non-ionic, which means it is gentle on skin and hair.
- It is biodegradable, which means it is safe for the environment.
- It works over a wide temperature range.
- It is compatible with a variety of other ingredients.

Method of manufacture

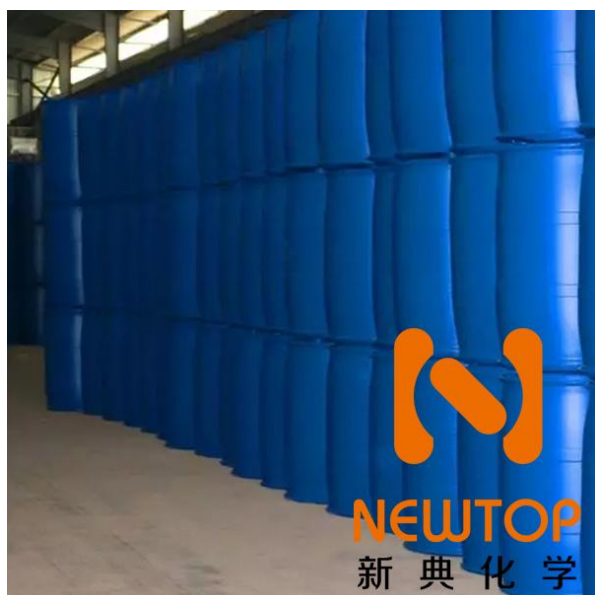
Fentacat 14 is made through a process called esterification. In this process, fatty acids react with alcohols to form esters. That ester then reacts with a 14-carbon alcohol to form Fentacat 14.

Precautions for use

Fentacat 14 is generally safe to use, but be sure to follow the manufacturer's instructions. Some precautions to take when using Fentacat 14 include:

- Avoid contact with your eyes. If contact occurs, rinse your eyes with water immediately.
- Do not ingest. If swallowed, call poison control immediately.
- Keep this product out of reach of children.

If you have any questions or concerns about using Fentacat 14, consult the manufacturer's instructions or consult a healthcare professional.



Shelf life:

Remain unopened for two years

Storage and Transportation:

It should be kept sealed and stored in a dry, cool and 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.

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