

Desmorepid SO catalyst CAS112-96-9 Rhine Chemistry

Desmorepid SO is a synthetic surfactant used in a variety of industrial applications. It is a non-ionic surfactant, which means that it has no positive or negative charge. This makes it compatible with a wide range of other chemicals and materials.

Desmorepid SO has a number of physico-chemical properties that make it an attractive choice for industrial applications. It has high surface tension, which means that it can effectively reduce surface tension and produce emulsions. It also has a high foaming capacity, which makes it suitable for applications where foam needs to be formed.

The physicochemical properties of Desmorepid SO

Properties	value
CAS number	112-96-9
Molecular Formula	C ₁₂ H ₂₅ OSO ₃ Na
Molecular weight	256.36 g/mole
Density	0.94 g/cm ³

Melting point	- 20 °C
Boiling point	230 °C
Flash point	130 °C
Solubility	Soluble in water and organic solvents

Application of Desmorepid SO

The Desmorepid SO is used in a variety of industrial applications, including:

Emulsifying action: Desmorepid SO effectively reduces surface tension and forms an emulsion. This allows it to be used in applications such as food processing, cosmetics and pharmaceuticals.

Foam formation: Desmorepid SO has a high foaming capacity, which makes it useful for applications such as firefighting, oil spill cleanup, and personal care products.

Wettability: The Desmorepid SO can be used to improve the wettability of surfaces. This allows it to be used in applications such as textile finishing, paper making, and metal working.

Detergents: Desmorepid SO can be used as a detergent in a variety of applications, including laundry, dishwashing, and industrial cleaning.

The advantages of Desmorepid SO

Desmorepid SO has a number of advantages over other surfactants, including:

- It is non-ionic, which makes it compatible with a variety of other chemicals and materials.
- It has high surface tension, which allows it to effectively reduce surface tension and produce emulsions.
- It has a high foaming capacity, which makes it suitable for applications where foam needs to be formed.
- It is biodegradable, which means it is safe for the environment.

Precautions for use

The Desmorepid SO is a safe product when used as directed. However, be sure to follow the manufacturer's instructions carefully to avoid any potential risks. Some of the potential risks associated with the use of Desmorepid SO include:

- Eye irritation: Desmorepid SO can cause eye irritation if it enters the eye. If this happens, flush your eye with water for at least 15 minutes and seek medical attention if irritation persists.
- Skin irritation: Desmorepid SO can cause skin irritation if not washed properly. If this happens, wash the affected area with soap and water until the irritation subsides.
- Inhalation: Inhaling Desmorepid SO can cause respiratory irritation. If this happens, move to fresh air and seek medical attention if you have difficulty breathing.
- Ingestion: Ingesting Desmorepid SO can cause stomach upset and vomiting. If this happens, seek immediate medical attention.



Shelf life:

Remain unopened for two years

Storage and Transportation:

Newtop Chemical Materials (Shanghai) Co.,Ltd.

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

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.

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