

Silbreak™ 321

Silbreak* 321

Description

Silbreak 321 silicone demulsifier is an excellent candidate to consider for use in effectively breaking water-in-oil emulsions, particularly those associated with crude oil production. It can also be effective in helping provide release and dust control when used on conveyor belts of sulfur recovery units.

Silbreak 321 silicone demulsifier is based on a modified polydimethylsiloxane that combines in a single molecule chemical group with different affinities for the water and oil phases thereby achieving remarkable interfacial activity that can result in efficient demulsification. Further, the balance of silicone moieties and organic groups can assist with release and dust control during pelletization and use of sulfur.

Key Features and Benefits

- Powerful demulsification effect, particularly when combined with polyols
- Helps provide foam control to oil based systems
- Release and antidusting effect
- Effective at low dosage levels

Typical Physical Properties

Property	Unit	Value
Appearance	–	Clear, pale
RSN ⁽¹⁾	–	13.2
Density at 25°C	g•cm ⁻³	1.03
Viscosity at 20°C	mm ² •s ⁻¹	2000

may be observed even at high belt speeds, with low and medium viscosity molten sulfur liquids. If the Silbreak 321 silicone demulsifier solution is to be stored for a period longer than two days, it is recommended that a biocide be added to prevent loss of performance.

Patent Status

여기에 포함된 어떠한 내용도 관련 특허가 없음을 의미하거나 특허 소유자의 허가 없이 특허에서 다루는 발명을 실행하기 위한 허가, 유도 또는 권고를 구성하는 것으로 해석되어서는 안 됩니다.

Product Safety, Handling and Storage

Silbreak 321 silicone demulsifier is best stored at temperatures between 0° and 35°C to facilitate ease of handling, but storage at lower or higher temperatures will not typically affect its subsequent performance.

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

Email

commercial.services@momentive.com

Telephone

Americas	Latin America	EMEAI- Europe, Middle East, Africa & India	ASIA PACIFIC
+1 800 295 2392	Brazil	Europe	China
Toll free*	+55 11 4534 9650	+390510924300	800 820 0202
+704 805 6946	Direct Number	Direct number	Toll free
Direct Number			+86 21 3860 4892
			Direct number
*All American countries	Mexico	India, Middle East & Africa	Japan
	+52 55 2169 7670	+ 91 44 71212207	+81 3 5544 3111
	Direct Number	Direct number*	Direct number
		*All Middle Eastern countries, Africa, India,	Korea
			+82 2 6201 4600

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