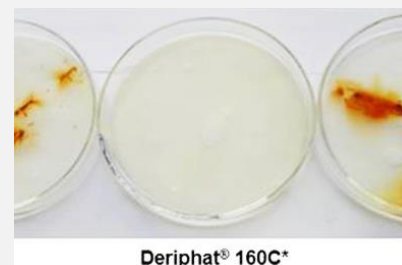


# Expertise Plus Information

7<sup>th</sup> March 2019[www.btc-europe.com/information](http://www.btc-europe.com/information)

## Deriphat® 160 C: A multifunctional surfactant for nearly every cleaning application

Products that combine multiple functions are nothing new. Nonetheless, users often ask themselves if there is any benefit to investing in a multifunctional solution or whether sticking with the variety of familiar products is the way to go. When it comes to cleaning products, the multifunctional surfactant, Deriphat® 160 C, provides the answer to the question of efficiency: it combines essential cleaning properties with a multitude of application areas.



### Three to five times greater solubility compared to conventional hydrotropes

Deriphat® 160 C impresses with its high solubility and associated excellent degreasing properties. The surfactant is compatible, soluble and stable in all commonly used highly alkaline and highly acidic media such as

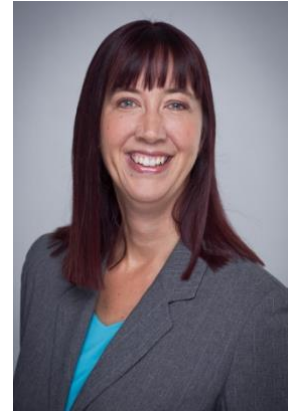
- Sodium hydroxide NaOH (up to 25%)
- Potassium hydroxide KOH (up to 35%)
- Sulphuric acid H<sub>2</sub>SO<sub>4</sub> (up to 60%)
- Lutropur M (up to 70%)
- Phosphoric acid H<sub>3</sub>PO<sub>4</sub> (up to 70%)

### Corrosion protection for diverse applications

Deriphat® 160 C provides comprehensive corrosion protection for metallic surfaces. The multifunctional surfactant serves as a solubiliser, even when challenging active substances are involved, while also reducing the rust. The scope of application is therefore very diverse and ranges from industrial cleaning to maintaining surgical instruments to use in home care. Thanks to its multifunctionality, Deriphat® 160 C covers many properties with a single product, thereby eliminating the need to use a combination of multiple products. Would you like to find out more?

### **Our expert**

Dr Sabine Both has been working for BTC since 2011. After gaining her doctorate in chemistry, she has been active in developing cleaning agents. She knows exactly which purposes a particular product can fulfil based on its ingredients. “I was involved in the development of some of the cleaning component formulations in the BTC range,” she says. As Senior Technical Expert, Both currently oversees the Home Care and Industrial Solutions divisions. According to Both, the biggest difference between the two areas is that “private customers generally appreciate being regularly presented with a new or improved product. In industry, the motto is usually: If it isn’t broken, don’t fix it,” she says. However, there is one thing that often changes, especially with regard to cleaning products – environmental protection requirements. “If we are able to offer a solution thanks to a certain chemical composition, that’s always a great success,” says Both.



You can find additional information about Deriphath<sup>®</sup> 160 C in [Surfactants > as solubilizers](#) and in [Cationic/amphoteric surfactants > for detergents and cleaning agents](#) using the Solution Finder. Here you can contact your local BTC partner directly.