

Product Data Sheet

Emulsion Breaking + Slops Splitting Product



Product:- SAS156SC

Product Certification

CEFAS certification not required – product primarily designed for use in onshore applications.

Product Description

SAS156SC is a super concentrate microemulsion (forming) surfactant system. The product is soluble for use with either fresh or sea water based systems. SAS156SC provides a highly efficient emulsion breaking and slop splitting product. SAS156SC is also particularly effective in reducing the viscosity of waste streams and in reducing wax content in solids recovered from refinery based sludges.

SAS156SC has been designed for the treatment and splitting of waste oil and water based drilling muds and more specifically for the treatment of emulsions and the splitting of liquid slop wastes typically produced from drilling, mud pit cleaning, completion operations and refinery tank bottom sludges.

SAS156SC is:

- Single product emulsion waste treatment system
- A highly efficient water based product to replace hydrogen peroxide
- A highly efficient pH neutral product to replace acidic and highly alkaline systems
- A highly efficient chemical to replace thermal treatments
- Non toxic to humans + Non irritant
- Readily Biodegradable
- Non corrosive

Physical & Chemical Properties

Appearance	Clear liquid
Colour	Yellow
Solubility	Soluble in water + sea water
Odour	Citrus
Specific gravity	0.95 – 1.05 @ 20°C
pH Value (Concentrate)	7 – 10
Flash point	Over 58°C
Flammability	Non flammable
Recommended Concentration in use	1 – 5%wt



Directions for Product Use

For the treatment of slop wastes it is recommended that SAS156SC should be added directly to the aqueous waste at levels of between 1 - 5% Active Ingredient of the waste stream. Simple thorough mixing is required followed by separation through gravity or via centrifugation to yield a clean 3 phase separation into oil, water and relatively clean solids phases. The recovered oil may be recycled and the water phase typically has a COD of below 3000ppm allowing for safe discharge and treatment at Waste Water Treatment Works. The process is therefore extremely simple and quick to operate and requires the use of very little capital equipment. The process has the potential to reduce the volumes of liquid waste discharged to landfill by over 90%.

This unique emulsion splitting product is temperature sensitive and can be used at temperatures in the range of 5°C to 100°C. The product should ideally be used at ambient temperatures therefore no significant energy costs are incurred. This product thus provides extremely cost effective waste minimisation at source significantly reducing disposal costs.

Handling and Packaging

SAS156SC is safe for handling and no special procedures need be observed. Normal precautions should be observed for the safe handling and storage of all chemicals and protective clothing should be used. Refer to the product MSDS.

SAS156SC is manufactured both in the UK and in the USA. The product is supplied in 25L Kegs, in 200L (55 and 30 Gallon) drums, in 1000L IBCs (320 Gallon Tote Tanks), or in bulk (20 - 25MT) tankers.

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Part Number Reference Table	
SAS156SC-EU1000	EU 1000L IBCs
SAS156SC-EU200	EU 200L Drums
SAS156SC-EU25	EU 25L Kegs
SAS156SC-US320	US 320 Gallon Tote Tanks
SAS156SC-US55	US 55 Gallon Drums
SAS156SC-US30	US 30 Gallon Drums

Shelf Life
SAS156SC is stable for a period of up to 2 years provided that it is stored and handled as specified in the product MSDS.



The information presented is complete and accurate to the best of our knowledge and belief. Since the applications and conditions in which the products may be used are outwith our control, all recommendations and suggestions regarding their use are made without guarantee or warranty. Furthermore, SAS cannot accept any liability for loss or damage which may be incurred in connection with the use of our products. In addition, SAS cannot accept any liability for loss or damage incurred as a result of an infringement or an alleged infringement of any third party intellectual property rights caused (directly or indirectly) by the use of our products (in a manner that contradicts our suggested methods of use for such products).