

# Product Data Sheet

## Fully Integrated WBCU / Riser Cleaning + Mud Pit Cleaning Product



Product:- SAS102C

### Product Certification

CEFAS **Gold** rated product for use in UK North Sea.  
Carries no flag for substitution warnings and no taint warnings.  
**YELLOW** rated for use in Norwegian sector of the North Sea.

### Product Description

SAS102C is a super concentrate microemulsion (forming) surfactant system. SAS102C is soluble for dilution with sea water and provides a highly efficient alternative to solvent, emulsion forming surfactant or caustic / acid based cleaners.

SAS102C has been designed specifically for the removal of base oil, pipe dope, oil based drilling muds, and filter cake from contaminated tubulars, pipes, mud pits, formations and equipment. SAS102C can also be used for the remediation of emulsion blocking and near wellbore damage.

SAS102C is:

- "One can" mud pit / well clean up system
- A highly efficient water based cleaner to replace organic solvents
- A highly efficient pH neutral cleaner to replace caustic / acid products
- A highly efficient alternative to replace emulsion forming surfactant systems
- No emulsion slop wastes produced
- Non flammable + Non toxic to humans
- Readily Biodegradable
- Non corrosive

### Physical & Chemical Properties

Appearance	Clear liquid
Colour	Colourless / Yellow
Solubility	Completely soluble in sea water
Odour	Orange / Citrus
Specific gravity	0.95 – 1.0 @ 20°C
pH Value (Concentrate)	7 – 10
Flash point	40 – 45°C
Flammability	Non flammable
Recommended Concentration in use	1 – 20%wt



### Directions for Product Use

It is recommended that SAS102C should be used at concentrations of 1 - 20%wt in sea water but can be used at higher concentrations up to neat product as supplied.

This unique microemulsion cleaning product is temperature insensitive and can be used at temperatures in the range of 5°C to over 100°C. The cleaning efficiency of the product typically increases on increasing the temperature.

Following use the removed solids will settle out under gravity or via centrifugation. The aqueous fluids can then be induced to rapidly phase separate (by adding calcium chloride or sodium chloride) in order to release the organic components from aqueous solution. Without the use of filtration equipment the oil-in-water levels may be reduced to below 100ppm. With the use of suitable filtration equipment these oil levels may be reduced still further to below 40ppm. This provides waste minimisation at source thereby significantly reducing transport, treatment and waste disposal costs.

### Handling and Packaging

SAS102C 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.

SAS102C can be 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	
SAS102C-EU1000	EU 1000L IBCs
SAS102C-EU200	EU 200L Drums
SAS102C-EU25	EU 25L Kegs
SAS102C-US320	US 320 Gallon Tote Tanks
SAS102C-US55	US 55 Gallon Drums
SAS102C-US30	US 30 Gallon Drums

Shelf Life
SAS102C 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 outside 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).

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UK, EU and International patents applied for where applicable

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