

# SAS SludgeTreat™ 156SC

## Product Data Sheet

### Use in:

- Crude Oil Sludge Treatment
- Refinery Waste Treatment
- Tank Bottom Treatment
- Oil Recovery



### Product Description:

SAS SludgeTreat 156SC is for use in onshore waste management operations for the fast and safe treatment of crude oil sludge, refinery waste and heavy viscous tank bottom.

### Benefits of using SAS SludgeTreat 156SC are:

Recovers virtually all oil

Reduces waste treatment times by at least 50%

Reduces waste volumes by up to 95%

SAS SludgeTreat 156SC does not form difficult to handle emulsion waste streams. The chemistry works by splitting emulsions into three separate fractions of oil, water and solids without the need to use thermal treatment processing, which can be expensive and hazardous to the environment.

### How to use SAS SludgeTreat 156SC

1. Add SAS SludgeTreat 156SC to the oil slop or sludge. Dose circa 0.1% – 1% by weight.
2. Mix by agitation, stirring or chemical injection into the waste stream.
3. Collect waste after dosing and allow waste to separate out under gravity or through centrifugation.
4. Recover oil, send solids fit to landfill and send water to waste water treatment plant.

Note: SAS SludgeTreat 156SC can be used to reduce viscosity of heavy crude oils and mobilize solid waste streams.



#### Health & Safety

SAS SludgeTreat 156SC is safe for handling and no special procedures need be observed. SAS SludgeTreat 156SC is non flammable, non corrosive, non toxic and readily biodegradable.

#### Technical Information

SAS SludgeTreat™ is temperature insensitive and can be used at temperatures in the range of 5°C up to 100°C.

SAS SludgeTreat 156SC does not form oil/water emulsion waste which minimises waste production. After use, clean solids separate out under gravity or via centrifugation and can be sent to landfill. Oil can be recovered from the surface. Waste water can go to a waste water treatment plant for disposal.

#### Storage

Storage of all chemicals and protective clothing should be used as specified in the product SDS.

SAS SludgeTreat 156SC is stable for a period of up to 2 year provided it is stored and handled as specified in the product SDS.

#### Shipping & Packaging

SAS SludgeTreat 156SC is manufactured in the UK under ISO 9001:2008 and ISO 14001:2004 Quality, Environmental and Safety Management System Standards. Our minimum order quantity is one shipping pallet. The product is supplied in 40 x 25 kg containers, in 4 x 200 kg drums and in 1000 kg IBCs or 18 metric tonne bulk containers.

| Physical & Chemical Properties |                       |
|--------------------------------|-----------------------|
| Appearance / Colour            | Clear Yellow Liquid   |
| Solubility                     | Soluble in Water      |
| Odour                          | Citrus                |
| Specific Gravity               | 0.95 – 1.05 @ 20°C    |
| pH Value                       | 8.0 – 11.0            |
| Flash Point                    | 52°C                  |
| Flammability                   | Non Flammable         |
| Biodegradability               | Readily Biodegradable |
| Recommended Concentration      | 0.1% – 1% by Weight   |

| Product Volume                  | Product Code      |
|---------------------------------|-------------------|
| 1,000kg (40 x 25 kg Containers) | SludgeTreat-40x25 |
| 800kg (4 x 200 kg Drums)        | SludgeTreat-4x200 |
| 1,000 kg IBC                    | SludgeTreat-1000  |
| 18 Metric Tonne Container       | SludgeTreat-18MT  |

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