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POLYGLYCERINE SSC-80

Component for Drilling Fluids Formulations

POLYGLYCERINE SSC-80 Advantage

- Superior lubricity for hydrodynamic and boundary lubrication at high speeds and pressures;
- Neat oil allows for good heat transfer;
- Controlled distribution of glycerine analogs;
- Cost effective.

<u>Components</u>	<u>Registration</u>	<u>Approximate %'s</u>
Glycerine	CAS# 000056-81-5	15 - 30
Polyglycerines	CAS# 001310-58-3	40 - 60
Water	CAS# 007732-18-5	0 - 15
Potassium hydroxide	CAS# 025618-55-7	0 - 2
Potassium salt, organic acids		0 - 15
Potassium chloride	CAS # 7447-40-7	0 - 5

Physical Properties

Appearance (30 deg. C)	:	viscous dark liquid with suspended salts
Active content (100 – water)	:	85-90 (final specification to be determined)
pH (20% oil in water)	:	7-10
Brookfield Viscosity, cps	:	TBD as specification
Color (Gardner)	:	15 max
Density	:	10.5 lbs/gal (nominal)

Handling:

- Keep between 40 and 60°C (104 - 131°F)
- Stirring of neat product is necessary to re-suspend fatty acid salts prior to use.
- Avoid heating the product above the decomposition temperature (see section 5 of MSDS).

Storage:

- Avoid high temperature and direct sun-light during the storage
- Keep away from ignition and heat sources
- Keep away from reactive products
- Store in a cool and dark place to preserve the quality of the product.

Shelf life of **Polyglycerine SSC-80** has not been determined. Current recommendation, based on chemistry, is 12 months after production date in unopened or environmentally protected containers or storage tanks.

Shipment:

This product is available in Drums, Totes or Bulk, (Truck or Railroad cars).

All suggestions and data are based on information and tests we believe to be reliable. Insofar as applications by prospective users may differ from those recommended. It is suggested the user conduct tests and determine the suitability of the product to his process. No warranty for the application of this product is expressed or implied. SSC Industries assumes no responsibility for personal injury or property damages to vendees, users or third parties caused by the material. Such vendees or users assume all risks.