

TRILSPERSE™ 101

Ultra-Efficient Pigment Dispersant Liquid

TRILSPERSE 101 is a proprietary modified ester that is ultra-surface active. It's lower molecular weight allows for faster activity in breaking down pigment agglomerates and accelerating dispersion. Suitable for pigments or fillers. TRILSPERSE 101 can reduce melt flow viscosity in some systems. The product has a low pH in neat form. However, TRILSPERSE 101 has an acidity behavior that will not corrode process & handling equipment or interfere with other acid sensitive ingredients.

Typical Applications: Dispersing aid for pigments and fillers. Also as a viscosity/melt flow modifier, & internal release agent for polymers.

Properties

Appearance	Clear Liquid
Density, g/ml @ 25C	0.993
Active Content	100%
Flash Point (PMCC)	> 94C, >201F
Boiling Point at 760 mmHg,	200C, 393F
Freeze Point	<-43.3C, <-46F
Viscosity, cps @ 25C	135
Acid Value, mg KOH/g	5 mg max
RVOC, US EPA	<0.01%

Specifications

Appearance @ 25C	Clear Liquid
Acid Value mg KOH/g	5 max.
Moisture %	0.1 max

TRILSPERSE 101 is biodegradable.

TRILSPERSE 101 may cause skin/eye irritation, $LD_{50} > 2000$ mg/kg.

TRILSPERSE 101 should be handled with normal safety precautions such as gloves & safety goggles. Material is somewhat corrosive and contact with skin and eyes should be avoided.

TRILSPERSE 101 should be stored in a dry cool area in closed containers.

TRILSPERSE 101 is packaged in 55 gallon drums. (net weight 400 lbs/181/kg).

TRILSPERSE 101 is TSCA registered.

