

Technical Bulletin

TERSPERSE® 2500 Dispersant

PRODUCT DESCRIPTION

TERSPERSE® 2500 dispersant is a solution of an acrylic graft copolymer in water/propylene glycol. The product, which is a clear to hazy liquid at room temperature, is soluble in water, lower alcohols and glycols. It is insoluble in aliphatic and aromatic hydrocarbons.

APPLICATIONS

- Dispersant in high-active content agricultural suspension concentrate formulations. Generally used in conjunction with TERSPERSE® 4894 dispersant.
- Dispersant for pigments dispersions used in water-borne paint formulations.

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance at 25°C	Clear to hazy liquid	ST-30.1
Acid Value #2, mg KOH/g	6.0 – 12.0	ST-31.164
Actives content, wt%	32 min.	ST-30.93, B

*Methods of Test are available upon request.

ADDITIONAL INFORMATION

Chemical Properties

HLB Value	11 - 12
pH, 1% aqueous	3.5 - 6.0
Water Solubility	Soluble

Regulatory Information

U.S. EPA FIFRA Listing	40CFR 180.910 and 180.930
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Typical Properties

Color, Gardner	12
Flash point, °C	>100
Flash point, °F	>212
Pour point, °C	<0
Pour point, °F	<32
Density, g/ml at 25°C (77°F)	1.07
Weight, lbs/US gal at 25°C (77°F)	8.92
Viscosity, Brookfield, cP at 25°C	200

See SDS for all regulatory information.

Shelf Life

The product should retain its conformance to sales specifications for a period of at least 18 months from date of manufacture if the product is stored at less than 100°F in its undamaged, unopened, factory packaged container.

In general, the user should determine the suitability of any chemical compound, no matter what the shelf life or length of time of storage. Each user should conduct a sufficient investigation to establish the suitability of any product for his intended use.



TOXICITY AND SAFETY

For information on the toxicity and safe handling of this product, read the Safety Data Sheet prior to use of the product.

HANDLING AND STORAGE

TERSPERSE® 2500 dispersant may be satisfactorily stored in corrosion-resistant containers such as stainless steel tanks or lined steel drums.

For longer term color stability, it is recommended that the product be stored under an inert atmosphere. Solid sediment may form upon standing. There should be circulation in the storage vessel to keep the product homogeneous.

Low pressure steam coils in storage tanks and steam tracing of transfer lines should be provided in cases where low environmental temperatures may make pumping of the product difficult.

SHIPPING DATA

Product is available in bulk, in totes, and in drums of 463 pounds (210 kilograms) net weight. Small evaluation samples can be obtained by contacting any Indorama Ventures Oxides sales office.

13485-0321

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