

## Technical Bulletin

# TERSPERSE® 2612 Dispersant

### PRODUCT DESCRIPTION

**TERSPERSE® 2612** dispersant is a solution of a graft comb polymer featuring an aromatic-substituted backbone and hydrophilic pendant groups, in a glycol ether solvent.

TERSPERSE® 2612 dispersant can be used as a primary dispersant or in combination with a co-dispersant such as TERSPERSE® 4894, TERSPERSE® 2500, or TERSPERSE® 2020 dispersants. In most formulations, TERSPERSE® 2612 dispersant will be used in conjunction with a wetting agent.

### APPLICATIONS

- Agrochemical dispersant for aqueous formulations including SC, SE, and EW formulation types.
- Especially suited for preparation of suspension concentrate formulations where Ostwald ripening is a concern.

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### SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance, 25°C	Clear liquid	ST-30.1
pH, 1% aqueous	4.0 - 6.0	ST-31.36, C
Solids, wt%	49 – 51	ST-30.67, I
Water, wt%	1 max	ST-31.53, 6

\*Methods of Test are available upon request.

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### ADDITIONAL INFORMATION

#### Regulatory Information

40 CFR Part 180 920 and 930  
See SDS for all regulatory information.

#### Shelf Life

The product should retain its conformance to sales specifications for a period of at least one year 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.

#### Typical Properties

Flash point, PMCC, °C (°F)	90 (194)
Pour point, °C (°F)	<0 (<32)
Density, g/ml, 25°C (77°F)	~ 1.03
Weight, lbs/US gal, 25°C (77°F)	~ 8.59
Viscosity, cP, 25°C (77°F)	<800
Color, Gardner	<10



## 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® 2612 dispersant may be satisfactorily stored in carbon steel tanks using steel pipes and pumps. Storage in poly drums or unlined carbon steel drum is acceptable.

The product should be kept away from any source of ignition, stored away from strong oxidizing agents, and used in a well-ventilated area.

The product should be stored at temperatures below 40°C (104°F) to protect color of the product. At higher temperatures, the color may change but changes in color will have no effect on performance of the dispersant.

The product does not contain a preservative. When it is diluted or incorporated into a water-based formulation, the use of a preservative is recommended.

## SHIPPING DATA

Product is available in tank cars, tank trucks and drums. Small samples can be obtained by contacting any Indorama Ventures sales office.

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