

Technical Bulletin

TERSPERSE® 2020 Dispersant

PRODUCT DESCRIPTION

TERSPERSE® 2020 dispersant is a sodium alkylnaphthalene sulfonate formaldehyde condensate.

APPLICATIONS

- Dispersing agent used in suspension concentrate, water dispersible granule, and wettable powder agrochemical formulations.

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>
Appearance at 25°C	Tan powder
Water, wt%	4.0 max.
pH, 5% in water	7.5 - 10.0
Active content, wt%	88 min.
Inorganic salts, wt%	7.0 – 9.0

ADDITIONAL INFORMATION

Chemical Properties

Water Solubility

Soluble

Regulatory Information

40 CFR 180

Exempt from tolerance

Shelf Life

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

See SDS for all regulatory information.

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® 2020 dispersant may be satisfactorily stored in unlined steel drums, plastic-lined boxes or plastic-lined paper bags. The product is irritating to the eyes.

The product is slightly hygroscopic so it is advisable to store in a cool dry place.

Flammable dust/air mixtures may be formed with this product. Explosion protection procedures should be followed.

The following values have been measured for samples of TERSPERSE® 2020 dispersant with a humidity of 3.4% and a mean particle size of 23.8 microns.

Maximum Speed of Pressure Rise $K_{max} = 146 \text{ bar.m/sec}$

Maximum Explosion Pressure $P_{max} = 7.1 \text{ bar g}$

Minimum Ignition Energy = $>1000 \text{ mJ}$

Minimum Explosion Concentration = 180 g/m^3

Minimum Cloud Ignition Temperature = 660°C

Minimum Layer Ignition Temperature = 400°C

SHIPPING DATA

Small evaluation samples can be obtained by contacting any Indorama Ventures Oxides sales office.

13769-0220

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