

Technical Bulletin

TERWET[®] 5835 Surfactant

PRODUCT DESCRIPTION

TERWET[®] 5835 surfactant is an alcohol ethoxylate-based wetting agent for use in agrochemical applications. The product was designed as an in-tank compatibilizing agent in fomesafen/imazethapyr combinations.

APPLICATIONS

- Oil-dispersible tank mix adjuvant

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance, 25°C	Clear to hazy liquid, free of foreign material	ST-30.1
Draves wetting time, sec, 0.10% surfactant	35 max.	ASTM D 2281
pH, 5% aqueous	5.0 – 8.0	ST-31.36, C
Water, wt%	0.7 max.	ST-31.53

*Methods of Test are available upon request.

ADDITIONAL INFORMATION

Regulatory Information

40CFR Part 180 910 and 930

See SDS for all regulatory information.

Typical Properties

Flash point, PMCC, °F	219
Flash point, PMCC, °C	104
Freeze point, °F	30
Freeze point, °C	-1
Density, g/ml at 25°C (77°F)	1.0
Weight, lb/gal, 25°C (77°F)	8.3
Viscosity, kinematic, cSt,	
15.6°C (60°F)	84
40°C (104°F)	29
HLB	11 - 12



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

TERWET® 5835 surfactant may be satisfactorily stored in carbon steel tanks using steel pipes and pumps although storage in 304 or 316 stainless steel is highly recommended. Caution must be exercised to keep the material in the anhydrous state to prevent severe corrosion to the carbon steel tank and related equipment. A drier on the breathing nozzle is recommended to help maintain anhydrous conditions in the storage tank. An inert atmosphere must be used for carbon steel tanks.

For longer term color stability, it is recommended that the product be stored under an inert atmosphere.

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 drums of 450 pounds (204 kilograms) net weight. Small samples can be obtained by contacting any Indorama Ventures sales office.

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I4048-0520