Technical Bulletin

TERMIX® 5735 Surfactant

PRODUCT DESCRIPTION

TERMIX® 5735 surfactant is a blend of cationic surfactants.

APPLICATIONS • Agricultural surfactant for glyphosate wetting.

SALES SPECIFICATIONS

Property	Specifications	Test Method*
Appearance at 25°C	Clear amber liquid, free of foreign matter	ST-30.1
pH, 1% aqueous	9.0 - 11.0	ST-31.36, A
Total Amine, meq/g	0.38 - 0.43	ST-5.22

*Methods of Test are available from Huntsman Corporation upon request.

TYPICAL PROPERTIES

Chemical Properties

Water Solubility	Soluble

Regulatory Information

DOT/TDG Classification	Not regulated
HMIS Code	2-1-0
CAS Number	BLEND
TSCA Inventory	Yes
WHMIS Classification	D2B
Canadian DSL	Yes

Physical Properties

Flash point, PMCC, °F	>280
Flash point, PMCC, °C	>138
Freeze point, °F	24.8
Freeze point, °C	-4
Pour point, °C	-5
Density, g/ml at 25°C (77°F)	1.04
Weight, lbs/US gal at 25°C (77°F)	8.67
Viscosity, kinematic	
cSt at 40°C (104°F)	34

TOXICITY AND SAFETY

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

HANDLING AND STORAGE

TERMIX® 5735 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.

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 solids suspended.

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 tank cars, tank trucks and drums. Small samples are available by contacting our sample department at 1-800-662-0924.

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