



LZN-25S™ Nanoparticle Zinc Additive



DESCRIPTION

LZN-25S™ nanoparticle zinc additive is a high-quality, oil-soluble, organo-metallic zinc additive suitable for many applications. It is particularly recommended as a replacement additive for zinc oxide as an H₂S scavenger in asphalts.

LZN-25S™ additive has been formulated with sulfonic acids for greater reactivity.

APPLICATION

LZN-25S™ additive can also be added into asphalts to scavenge hydrogen sulfide under normal use conditions with other similar scavengers.

PURITY

LZN-25S™ additive contains very low trace metals, particularly cadmium.

TYPICAL PROPERTIES

Zinc, wt%	25.0 min.
Appearance	dark liquid
Density at 77°F (25°C)	10.25 lbs/US gal
Spec. Grav. at 77°F (25°C)	1.23
Flash Point	150F (65C)
Pour Point	<-10°F (<-23°C)
Viscosity	
@ 100°F (38°C)	<150 cSt
@ 60°F (16°C)	<250 cSt
Cadmium, ppm	< 10

SAFETY AND HANDLING

LZN-25S™ nanoparticle zinc additive is readily pumpable from unheated additive storage at temperatures above 0°F (-17 °C). It is stable in mild steel and aluminum storage tanks or in original containers over long periods of time. It is an industrial chemical and should be handled with the same precautions as used with ordinary distillates, solvents, and weak alkalis. Avoid open flame. Avoid skin and eye contact. Wash contaminated areas with soap and water.

AVAILABILITY

LZN-25S™ additive is supplied in bulk, net 275 U.S. gallon non-returnable totes, and net 55-U.S. gallon, non-returnable drums. Shipping classification: "Compound, Crude Petroleum Treating."

Before handling, storage or use, see the Material Safety Data Sheet (MSDS) for details.

Liquid Minerals, Inc. Customer Care Hotline:
1-936-291-2424 (8 a.m. to 5 p.m. CST)
Emergency – Chemtrec 800-424-9300 (US)
703-527-3887 (Intl)

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