

8% Zinc & Copper Naphthenate

Metal Carboxylates

Description:

Copper and Zinc Naphthenate's have a long history of use as preservatives and lubricant additives. They may be used in both lube oils and in greases. They are all completely miscible (soluble) in all base oils in all proportions.

Copper and Zinc when used as preservatives require regulatory registrations with the EPA (USA) and PMRA (Canada). Soltex Canada has a Technical active registration in Canada for 8% Zinc/Copper Naphthenate.

- **8% COPPER NAPHTHENATE** is used both in the synthesis of unsaturated polyester resins and to control the exotherm of their end formulation. It also has been observed to add shelf stability to promoted resins. Concentration of 8% COPPER NAP as low as 0.01% can reduce or eliminate surface cracks and irregularities than can develop in large polyester castings. Used as a formulant for veterinary applications for hoof treatment.
- **8% Zinc Naphthenate** is used in coatings as an Inhibitor for Auxiliary Driers packages. It has applications as a catalyst. Basic metal carboxylates, like zinc, will exhibit rust and corrosion inhibition, antiwear properties, acid neutralization and dispersant properties. They are especially useful in boundary lubrication applications.

Typical Physical

PROPERTIES	TEST METHOD	8% Copper	8% Zinc
Metal Content		7.9-8.1	7.9-8.1
Density at 25C (kg/dm³) Max	D 1298	0.975-1.015	0.930-0.970
% Non-Volatile Typical	D-1644B	70	50
Appearance	Visual	Clear	Clear
Water Content	D95	<0.5	<0.5
Viscosity CPs/cSt	D-2196/D445	<1000	<350
Color, Gardner	Visual/D1544	Green	<10

Packaging: Available in 5 USG pail, 55 USG drums, 275 IBC and bulk.

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