



PRODUCT DATA

FERRO TECHNOLOGIES, INC

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FERROTECH GPS 2S-R

FERROTECH GPS 2S-R is zinc chloride based, low-fuming and low-dusting flux for hot-dip galvanizing in continuous operations, developed to meet "Wet Flux" galvanizing line requirements. Adequate surface cleanliness and dry steel surface are very important for the perfect function of FERROTECH GPS 2S-R.

FERROTECH GPS 2S-R chemical composition makes it possible to create moderate flux foam on the molten metal surface and to provide active dissolution of oxides on the steel surface. Iron and sulfate ions level should be kept below 0.005% level.

FERROTECH GPS 2S-R is supplied in liquid form. It is understood, that the flux can be successfully used for regular galvanizing instead of conventional flux with wet galvanizing process.

CHEMICAL AND OPERATING DATA

SOLUTION APPEARANCE	Colorless liquid
ODOR	Odorless
SPECIFIC GRAVITY	1.51 – 1.53
TOTAL SOLIDS, %	56.5 – 59.5
Pb	<50 ppm
Fe	<100 ppm
SO ₄	<100 ppm
CONSUMPTION, kg/T	4.5 – 6.0

SAFETY AND HANDLING

FERROTECH GPS 2S-R is a mild acidic corrosive material. Use rubber gloves, apron and wear goggles or face shield when handling.