Florida CirTech
LEADERS IN ADVANCED MATERIALS

Product Data Sheet

PRECIPITANT WT-140

GENERAL DESCRIPTION

WT-140 is a heavy-metal precipitant ideally suited for treatment of a nickel-bearing waste, especially if heavily chelated. It contains sodium dimethyldithiocarbamate at a 40% concentration. It is not effective for metal reduction purposes and does not work well in treatment of lead or chromium.

APPLICATION

Batch treatment of wastestreams containing chemicalated nickel where residual nickel at less than 3 ppm is required. Is not ideally suited for flow-through or micro-filtration application without use of additional coagulants. Not for use in municipalities where residual N-DMA is of concern.

SAFETY AND STORAGE

WT-140 is alkaline and should be handled with care. Avoid open flames and concentrated acids (generates Sulfur gas). Do not store in direct sunlight, high temperature or below freezing.

MISCELLANEOUS

• Packaging comes in 5-gallon pails and 55-gallon drums. Consult MSDS sheet for additional information.

• The information given in this technical data sheet is to the best of our knowledge accurate. It is intended to be helpful but no warranty is expressed or implied regarding the accuracy of such data. It is the users responsibility to determine the suitability of his own use of the product described herein; and since conditions of the use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as permission or as recommendations to practice any patented invention without a license from the patent owner nor as recommendation to use any product or to practice ant

Operating Parameters

PARAMETERS	VALUES
Contact Time	10 minutes
Ventilation	Advised
pH Range	4.0 to 11.0
ORP Set Point	-50 mV approximately
Dosage	10-12 parts per part fo most metal ions
Mixing	Medium speed

Physical Properties

PROPERTIES	
Appearance	Dark orange liquid
pH	<12
Odor	Slight amine odor

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