Product Specification Sheet

Teck

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		
EFFECTIVE DATE	13 June 2019	
PRODUCT NAME / TRADE NAME	93% Sulphuric Acid (Battery Grade) UN 1830	
	A clear to slightly yellow liquid with a sharp penetrating odor.	
	Synonyms: Sulfuric Acid, Oil of Vitriol, Electrolyte Acid, Battery Acid, Matting Acid, H2SO4	
MANUFACTURER	SUPPLIER	24 HR EMERGENCY TELEPHONE NUMBER
Teck Metals Ltd. Trail, B.C., Canada V1R 4L8	International Raw Materials Ltd. 100 S Independence Mall W Ste 200 Philadelphia, PA 19106	Teck Metals Firehall Emergency #: 250-364-4214 CHEMTREC: 800-424-9300

CHEMICAL COMPOSITION		
CHARACTERISTIC	GUARANTEED	TYPICAL ANALYSIS
H2SO4	93.19 % minimum	94.20 %
SO2	20 ppm maximum	< 15 ppm
Iron (Fe)	40 ppm maximum	< 15 ppm
Mercury (Hg)	2 ppm maximum	< 0.7 ppm
Color @ 500 nm	100 APHA maximum	< 20 APHA
Total Oxidizable Materials	5 ppm maximum	< 2 ppm
Nitrates (NOx)	25 ppm maximum	< 10 ppm
Arsenic (As)		< 0.1 ppm
Cadmium (Cd)		< 0.1 ppm
Chromium (Cr)		< 0.5 ppm
Chloride (Cl)		< 1 ppm
Copper (Cu)		< 0.1 ppm
Lead (Pb)		< 0.4 ppm
Manganese (Mn)		< 0.2 ppm
Nickel (Ni)		< 0.4 ppm
Selenium (Se)		< 0.1 ppm
Zinc (Zn)		< 0.3 ppm
Fixed Residual		< 0.005 %

NOTICE TO READER

This information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Just in Time. All the Time.®