Product Specification Sheet

Teck

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		
EFFECTIVE DATE	13 June 2019	
PRODUCT NAME / TRADE NAME	93% Sulphuric Acid (Technical 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	50 ppm maximum	< 15 ppm
Iron (Fe)	20 ppm maximum	< 15 ppm
Mercury (Hg)	1 ppm maximum	< 0.7 ppm
Color @ 500 nm	40 APHA maximum	< 20 APHA
Total Oxidizable Materials	5 ppm maximum	< 2 ppm
Nitrates (NOx)	< 10 ppm maximum	< 10 ppm
CHARACTERISTIC	GUARANTEED BY MONTHLY COMPOSITE	TYPICAL ANALYSIS
Arsenic (As)	< 1 ppm	< 0.1 ppm
Cadmium (Cd)	< 1 ppm	< 0.1 ppm
Chromium (Cr)	< 1 ppm	< 0.5 ppm
Chloride (Cl)	< 5 ppm	< 1 ppm
Copper (Cu)	< 1 ppm	< 0.1 ppm
Lead (Pb)	< 1 ppm	< 0.4 ppm
Manganese (Mn)	< 1 ppm	< 0.2 ppm
Nickel (Ni)	< 1 ppm	< 0.4 ppm
Selenium (Se)	< 1 ppm	< 0.1 ppm
Zinc (Zn)	< 1 ppm	< 0.3 ppm
Fixed Residual		< 0.005 %

NOTICE TO READER

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