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INTERNATIONAL RAW MATERIALS LTD. IS PROUD TO REPRESENT:



## Product Specification Sheet

### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

EFFECTIVE DATE	10 December 2012	
PRODUCT NAME / TRADE NAME	Crystalline Ammonium Sulphate, 21-0-0-24 (Super Sulphate)	
MANUFACTURER	SUPPLIER	24 HR EMERGENCY TELEPHONE NUMBER
Sherritt International Corporation P.O. Box 3388 Fort Saskatchewan, Alberta, Canada T8L 2T3	International Raw Materials LTD. 301, 9821 - 108 <sup>th</sup> Street Fort Saskatchewan, AB T8L 2J2 Canada	Sherritt International Corporation: (780) 992-7444  CHEMTREC: 800-424-9300

### CHEMICAL ANALYSIS

CHEMICAL ANALYSIS (% by weight)	MIN	MAX	TYPICAL
TOTAL NITROGEN (wt. % N)	21.0		21.1
TOTAL WATER SOLUBLE SULFUR (wt. % S)	24.0		24.2
MOISTURE (wt. % H <sub>2</sub> O)			0.05
ACIDITY – pH OF 10% SOLUTION			5.4

### PHYSICAL ANALYSIS (TYPICAL)

ANGLE OF REPOSE (DEGREES)	34
BULK DENSITY (Kg PER M <sup>3</sup> /LBS PER CU. FT.) - LOOSE	992 / 62
BULK DENSITY (Kg PER M <sup>3</sup> /LBS PER CU. FT.) - TAPPED	1086 / 68
SIZE GUIDE NUMBER (SGN)	254

### SCREEN ANALYSIS (TYPICAL)

#### SCREEN ANALYSIS (TYLER SCREEN BY % WEIGHT)

<u>TYLER SCREEN</u>	<u>MILLIMETERS</u>	<u>PERCENT BY WEIGHT</u>
+5	4.00	4.0
-5+6	3.35	11.0
-6+7	2.80	20.5
-7+8	2.36	24.0
-8+9	2.00	24.5
-9+10	1.70	13.5
-10+14	1.18	2.0
-14		0.5

### NOTICE TO READER

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