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INTERNATIONAL RAW MATERIALS LTD. IS PROUD TO REPRESENT:



ClimateSmart
RECOVERED CROP NUTRIENTS

Product Specification Sheet

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

EFFECTIVE DATE	10 December 2012	
PRODUCT NAME / TRADE NAME	Crystalline Ammonium Sulphate, 21-0-0-24 (Standard Grade 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 th 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		24.3
MOISTURE (wt. % H ₂ O)			0.05
ACIDITY – pH OF 10% SOLUTION			5.4

PHYSICAL ANALYSIS (TYPICAL)

ANGLE OF REPOSE (DEGREES)	33
BULK DENSITY (Kg PER M ³ /LBS PER CU. FT.) - LOOSE	970 / 60
BULK DENSITY (Kg PER M ³ /LBS PER CU. FT.) - TAPPED	1075 / 67
SIZE GUIDE NUMBER (SGN)	120

SCREEN ANALYSIS (TYPICAL)

SCREEN ANALYSIS (TYLER SCREEN BY % WEIGHT)

TYLER SCREEN	MILLIMETERS	PERCENT BY WEIGHT
+14	5.0	52.0
-14+20	0.85	24.0
-20+28	0.60	13.0
-28+48	0.30	8.0
-48		3.0

NOTICE TO READER

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