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INTERNATIONAL RAW MATERIALS LTD IS PROUD TO REPRESENT:

Product Specification Sheet

DYNO
Dyno Nobel

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

EFFECTIVE DATE	23 February 2007	
PRODUCT NAME / TRADE NAME	Dyno Nobel UAN 32 (Urea - Ammonium Nitrate Solution)	
MANUFACTURER	SUPPLIER	24 HR EMERGENCY TELEPHONE NUMBER
Dyno Nobel Inc. 2795 East Cottonwood Parkway, Suite 500 Salt Lake City, UT 84121	International Raw Materials LTD 600 Chestnut St Ste 800 Philadelphia, PA 19106-3407	CHEMTREC: 800-424-9300

CHEMICAL ANALYSIS

TYPICAL CHEMICAL ANALYSIS (% by weight)	MIN	MAX	TYPICAL
TOTAL NITROGEN (wt. % N)	32.00		
NITRATE NITROGEN			7.75
AMMONIC NITROGEN			7.75
UREA NITROGEN			16.50
BIURET			Less than 0.2

PHYSICAL ANALYSIS

PHYSICAL FORM	Liquid
COLOR	Clear
SPECIFIC GRAVITY @ 60 DEGREES F	1.325
APPROXIMATE DENSITY @ 60 DEGREES F (LBS. /GAL.)	11.04
POUNDS NITROGEN/GAL. @ 60 DEGREES F	3.5
SALT OUT TEMPERATURE	32 DEGREES F
BOILING POINT	230 DEGREES F
pH	7 to 8

NOTICE TO READER

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