



## MAXIDRIVE® AND MAXIDRIVE PLUS® Water Resistant Cartridged Emulsion Explosive

MAXIDRIVE® and MAXIDRIVE PLUS® cartridged emulsion explosives are detonator sensitive, emulsified AN-based cartridged explosives specifically formulated to use in surface and underground rock blasting operations.

### APPLICATION

Maxidrive® and Maxidrive Plus® are ideal for blasting rock and initiating bulk ANFO in small diameter blast holes (i.e. up to 102mm diameter holes). Maxidrive® and Maxidrive Plus® are compatible with detonating cords containing at least 10g/m PETN and all commercially manufactured detonators of strength No. 8 or greater. Maxidrive Plus® is specifically designed for high gas energy output required in underground blasting.

### FEATURES AND BENEFITS

- 14% more cartridges per 25kg box (32mm & 25mm diameters) than standard competitors product.
- “Permanent” micro balloon embodiment and premium grade surfactants, provides substantially longer shelf life.
- Deadpress potential is minimised due to inclusion of high strength micro balloon spheres in formulation.
- Higher VOD increases shock energy and drives ANFO up to steady state faster.
- Maxidrive® and Maxidrive Plus® are compatible with and are reliably initiated by No. 8 strength detonators.

### PHYSICAL PROPERTIES

Explosive Type	AN-Based Emulsion
Normal Density	1.10-1.20
Velocity of Detonation (m/s)	4400-5000
Nominal Total Energy (Mj/kg)	2.21-2.95
Explosive Class: 1.1D UN Number: 0241	

### STANDARD PACKAGING GUIDELINES

PRODUCT	DIAMETRE (mm)	LENGTH (mm)	CARTRIDGE MASS (g)	CARTRIDGE / 25kg Box
Maxidrive Plus® 25x180	25	180	100	250
Maxidrive Plus® 25x700	25	700	390	64
Maxidrive Plus® 32x180	32	180	165	152
Maxidrive Plus® 32x700	32	700	640	39
Maxidrive® 55x300	55	300	812	31
Maxidrive® 55x700	55	700	1900	13
Maxidrive® 65x300	65	300	1140	22
Maxidrive® 65x700	65	700	2650	9

(Variations available on special order).

### STORAGE AND HANDLING

Maxidrive® and Maxidrive Plus® exhibit excellent water resistance.

Maxidrive® and Maxidrive Plus® may be used at temperature up to 65°C (subject to statutory regulations).

### SHELF LIFE

Maxidrive® and Maxidrive Plus® have minimum shelf life of one (1) year when stored as per AEC3.

### SAFETY

Maxidrive® and Maxidrive Plus® contain explosive material which, while relatively insensitive to accidental initiation by shock, friction or mechanical impact, should be handled with due care appropriate to a detonator sensitive explosive. Maxidrive® and Maxidrive Plus® should be handled by personnel qualified under state law (i.e. shotfirers). Maxidrive® and Maxidrive Plus® should not be used in hot holes or in applications of known reactive ground.