



# Enviroprime™

*Bioremediation Technology*

## **AUSTIN POWDER**

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

### **DESCRIPTION**

Enviroprime offers the added safety and security of biodegradation of Pentolite explosives with no effect on expected explosive performance. This is accomplished by the addition of a specific proprietary microorganism that Austin Powder adds to the explosive at manufacturing. When submerged in water for over one year, the microorganisms become active and begin to consume the explosive components.

### **BENEFITS**

- Excellent detonation velocity result in excellent seismic pulse images.
- Anaerobic bacteria are provided in a time-released form, so they are activated after at least one year in the subsurface environment.
- Microorganisms and nutrients do not interfere with the explosive energy.
- Double cap well will accommodate detonators of 4" length.



Energy* (cal/g)	Gas Volume Mols/kg	Density (g/cc)	Detonation Pressure (Kbars)	Velocity (ft/sec)	Velocity (m/sec)	Water Resistance
1390	29.6	1.68	230	24,300	7,478	Excellent

### **PRIMING**

Use a high-strength detonator (greater than a #8 strength, 450 mg base charge).

# Enviroprime

## PACKAGING

Product (lbs. / kg)	Cartridge Size** (in. / mm)	Quantity per case	Case Weight (lbs. / kg)	Case Size (in. / cm)
Enviroprime (1.1 / 0.5)	2 ¼ / 57	40	47.4 / 21.5	12 ¾ x 17 ½ x 11 ¾ 32.4 x 44.4 x 29.8
Enviroprime (2.2 / 1.0)	2 ¼ / 57	20	47.4 / 21.5	12 ¾ x 17 ½ x 11 ¾ 32.4 x 44.4 x 29.8
Enviroprime (4.4 / 2.0)	2 ¼ / 57	10	47.4 / 21.5	13 x 30 ¾ x 4 ⅝ 33 x 78.1 x 11.7
Enviroprime (5.5 / 2.5)	2 ¼ / 57	10	57 / 25.9	13 x 30 ¾ x 4 ⅝ 33 x 78.1 x 11.7

\*\*Available in other sizes upon request.



For more information and service locations in your area, please contact Austin Powder Company's headquarters:

**Austin Powder Company**  
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### STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

### SHELF LIFE

Indefinite from date of manufacture under good storage conditions.

### UN CLASSIFICATION

**Shipping Name:** Boosters  
**Class & Division:** 1.1D  
**ID Number:** UN 0042

### DOT REFERENCE NUMBER

EX-1993030285

### **Disclaimer of Warranties and Limitations of Liabilities**

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