



## PINE90 Coal Frother Application

**PINE90** is a strong frother, which is applied with kerosin and if necessary, with promoter AP6(73) in "coal" flotation. **PINE90** is used in flotation at alkaline and neutral pH. Dosage of **PINE90** is usually between 50 to 250 grams per ton .

### Storage and Handling

Recommended materials to store, handle and distribute **PINE90** are galvanized steel, stainless steel, brass, copper, and polymeric (plastic) materials .

### Packaging & Shelf Life

**PINE90** is packed in 220 lit. galvanized or steel drum .

**Shelf life:** **PINE90** has a shelf life of at least two years in room temperature .

### Safety

**PINE90** is regarded as practically non-toxic chemical .

**Inhalation:** Remove victim from exposure to fresh air immediately, if not breathing, give artificial respiration; if breathing is difficult, give medical oxygen. Get medical aid immediately .

**Ingestion:** Rinse mouth with plenty of milk or water (only if victim is conscious and alert). Get medical aid immediately .

**If skin or eye contact dose occur, the following first aid guidelines should be followed :**

**Skin Contact:** If skin contact occurs, wash the affected area with plenty of water and a neutral soap for a minimum of 5 minutes .

**Eye Contact:** If eye contact occurs, wash with plenty of clean water or amphoteric eye solution for a minimum of 15 minutes, holding the eyes open, medical advice should be followed.

PHYSICAL PROPERTIES	
Appearance	Clear Liquid
Color	yellow to orange
Specific Gravity	0.90-0.94
pH	6-7
Flash point	50-90°C
Solubility in water	2.5 (gr/lit)