



## Collector for Iron Ore Desulfurization

**Trade Name:** PAX

**Product Description:** PAX is a strong collector which is applied in "Desulfurization" for iron ore.

**PAX** is the strongest but least selective of the Xanthate range of reagents, used in the flotation of metal sulfides and gold bearing pyrite.

**PAX** is used in flotation at alkaline pH (10-12).

Dosage rate of PAX depends on ore type, grinding size and water quality. The dosage is usually between 100 to 400 grams per tons.

### Storage and Handling

In cool and dry place without sunlight. Keep it away from heating source and moisture.

### Packaging & Shelf Life

**PAX** In 120 kg steel drums with PE liner.

In 900 kg PP woven bags with PE liner, 1 bag in a wooden box.

**PAX** is packed in 25Kg double thickness bags.

**Shelf life:** PAX has shelf life of at least 12 months. From the data of manufacture when store in the "room temperature".

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place in the "room temperature".

### Safety

#### Health Effects:

**PAX** will not result in health damage and if comes into contact with eyes, it may cause moderate eye high irritation.

Test	Standard Test Method	Standard
Active substance content (%)	-	90-95
Appearance at 25° C	-	Yellowish solid
Color	-	Yellowish to gray
Odor	-	strong
pH (5% Solution in water)	ASTM D-1172	11-12
Water Solubility	-	Soluble in alkaline water
Form	-	Powder or pellet
Moisture & volatile % max	-	4.0

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** If large amounts were swallowed, give water to drink and get medical advice.

**Skin Contact:** in case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops or persists.

**Eye Contact:** in case of contact, flush eyes with plenty of water for at least 15 minutes. Get medical advice if irritation develops. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.