

**FLO-YS-20****Collector & Frother for Apatite Ore****Application**

FLO-YS-20 is a strong collector-frother which is applied to separate "apatite" in phosphate concentrated cells. It can be compared with "SCO-40" in its applications. FLO-YS-20 is used in flotation at alkaline pH. Dosage rate of FLO-YS-20 depends on ore type, grinding size and water quality. The dosage is usually between 200 to 450 grams per tons.

Storage and Handling

Recommended materials to store, handle and distribute FLO-YS-20 are galvanized steel, stainless steel, brass, and polymeric (plastic) materials.

Packaging & Shelf Life

FLO-YS-20 is shipped in 100kg polymer (plastic) container.

shelf life: FLO-YS-20 has a shelf life of at least two years in room temperature from the date of manufacture.

Safety

FLO-YS-20 will not result in health damage and if comes into contact with eyes, it may cause moderate eye irritation, however when handling pure chemical products, we recommend the use of individual protection equipment such as PVC gloves, safety goggles and an apron. In the event of accidental contact, proceed as follows:

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.

Eye: wash immediately with plenty of water or amphoteric eye solution for at least 15 minutes.

PHYSICAL PROPERTIES

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Appearance	Gel
Color	Red to brown
Odor	Slight, Characteristic
Acid Value, mg KOH/gr	12 max
Solubility in water	Soluble in alkaline water
pH (1% solution in water)	7-8

Skin: wash the area affected with plenty of water with water for a minimum of 5 minutes and remove contaminated clothing.