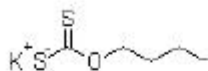


# TECHNICAL DATA SHEET

**Product:** *Potassium butyl xanthate*

**CAS No.:** 871-58-9

**Molecular structure:**



**Molecular formula:** C<sub>5</sub>H<sub>9</sub>OS<sub>2</sub>K

**Molecular weight:** 188.35

**Specifications:**

*Dry Pellet*

Items	Grade
Appearance	Yellow or grey white
Active Component	≥91.5%
Free Alkali	≤0.2%
Moisture&Volatile	≤4.0%
Solubility	Soluble in water

**Application:**

Potassium butyl xanthate is a most powerful collector with strong selectivity, widely used in the flotation treatment of sulfide ores, zinc ores and nickel ores, especially for the flotation treatment of Cu-Ni compound sulfide ore as well as gold mine associated with pyrite. It can also get satisfactory results when used in lead oxide copper ores. Commonly used in the process of rough flotation and scavenging flotation.

**Packing:**



120kg/iron drum; or 25kg net bag; or 850kg net wooden box (with 25kg or 50kg inner bag)

**Hazardous information:**

UN Number: 3342

Hazardous Class: 4.2

**Storage:**

Keep stored in cool and dry environment.