

FLOTATION REAGENTS: XANTHATES.





ABOUT MINOVA.

60,000

tonnes

of xanthates
produced to date

Minova started its production of xanthates in 1980 as a branch of the largest copper mine in Europe, KGHM Polska Miedź S.A. We are a renowned global company that provides products and solutions to our customers in the mining sector.

EXPERIENCED MANUFACTURER

Our production line of flotation reagents from the xanthates group is one of the world's most modern facilities allowing us to efficiently deliver the highest quality of xanthate products. Minova has over 40 years experience as a sole supplier of xanthates to Polish copper, zinc and lead mines.

DELIVERING QUALITY PRODUCTS

We put great emphasis on the quality of our products, with full quality control at all stages of production. We care for the natural environment - our waste-free production conforms to the required permits and certificates of ISO 9001 and 14001 standards.

INTRODUCING XANTHATE PRODUCTS.

Xanthates are used as a flotation agent and have a strong material collector effect. They are mainly used to enhance hydrophobicity of the mineral surface, leading to flotation.

Xanthates are commonly used in the flotation process of sulfide minerals, including copper, lead and zinc. Flotation involves separating the mineral particles as froth from the feed.

The molecular weights of Xanthates range from 140 to 200g and are supplied as water-soluble powders or pellets. They are usually applied as 2% to 20% solutions and water solubility varies between 110 to 460 g/l, increasing at higher temperatures.

We offer the main types of xanthates currently available on the market:

- Sodium ethyl
- Sodium isobutyl
- Sodium isopropyl
- Sodium isoamyl
- and their potassium equivalents

We offer assistance in the selection of appropriate flotation agents for your project.

Our products are available in the following packaging:

- Drum 110 -150 kg
- Bag 350 - 450 kg
- Bag 700 - 900 kg



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