

DECACHEM DOO, Novi Sad, Serbia

Address: Lozionicka 14/9, 21000 Novi Sad, Serbia ;
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[Http://www.decachem.com](http://www.decachem.com)



Phones: +381 63 658 074 / +381 64 27 54 268

Email: info@decachem.com

Potassium Amyl Xanthate



Specification

Classification: Potassium Organic Salt

Cas No: 2720-73-2

Appearance: yellow or yellow-grey pellet or free-flowing powder

Purity: 90.00% Min

Free Alkali: 0.2% Max

Moisture & Volatile: 4.00% Max

Validity: 12 Months

Storage & Handling

Storage: Store solid xanthates in original properly sealed containers under cool dry conditions away from sources of ignition.

Handling: Wear protective equipment. Keep away from sources of ignition. Use non sparking tools.

Equipment should be earthed to avoid static discharge. All electronic equipment should be adjusted for work in explosive environment.

Packing:

Wooden Box:

900kg net bulk bag in UN approved plywood box with pallet, 20 boxes /20'FCL, 18MT

Steel Drum:

170kg steel drum; 4 drums with a pallet, 80 drums /20'FCL, 13.60MT;

120kg net steel drum, 134 drums/20'FCL, 16.08MT

Application:

Potassium Amyl Xanthate is one of the most powerful flotation collector widely used in mineral processing. It is relatively unselective, and has a strong tendency to float iron sulfides unless depressants are used. It is used as a good mining reagent for the flotation treatment of all sulfide minerals, Cu/Ni sulphide ore, zinc ores, as well as gold associated with pyrite(gold containing iron sulfides). This mining chemical tends to recover all sulfides if circuit pH is maintained between pH 7 and pH 9.

It can be mixed with potassium ethyl xanthate (SEX) and Sodium isopropyl xanthate (SIPX) to create a collector with the selectivity of SEX and SIPX and the collecting power of Potassium amyl xanthate (PAX)

Feeding method: 10-20% solution

Usual dosage: 10- 100g/ton



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TECHNICAL INDEX

Product name	Potassium Amyl Xanthate		
CERTIFICATE OF ANALYSIS			
Product name	Potassium Amyl Xanthate	Sample No.	YX20230110A
Grade	A	Batch No.	YX20230110A
Hs Code	29309020	Transportation:	By sea
Item	Specifications	Analysis Results	
Appearance	Pellet/ Powder	Pellet	
Activity %Min	≥90.0%	90.62%	
Free Alkali %Max	≤0.2%	0.11%	
Moisture& Volatile % Max	≤4.0%	3.08%	

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