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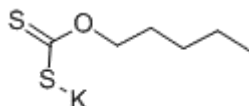
Site: www.tnjchem.com

Technical Data Sheet

Potassium Amyl xanthate

Product Information

Product Name	Potassium Amyl xanthate
Synonyms	PAX; Potassium Amyl Xanthate; KAX 51; Potassium Pentyl Xanthate; Potassium Pentyl Xanthogenate; Ethylxantic Acid Potassium Salt
CAS No.	2720-73-2
EINECS No.	220-329-5
Molecular formula	C ₆ H ₁₁ KOS ₂
Molecular weight	202.38
Chemical structure	



Physical Properties

Appearance	Gray and light gray powder or granular.
Odor	Strong, disagreeable sulphur odor
Melting Point	19.5-21.5°C
Boiling Point	247°C
Flashing Point	137°C
Solubility	Soluble in water. Hygroscopic (readily absorbs water)

Specification

Index name	Grade A	Grade B
Appearance	Gray and light gray powder or granular	
Assay	≥90.0%	≥84.0%
Free alkali	≤0.2%	≤0.4%
Water and volatile matter	≤4.0%	≤10.0%

Safety

Potassium Amyl xanthate belongs to class 4.2 dangerous cargo on transportation,
Always refer to the Material Safety Data Sheet (MSDS)

Applications

It is the most powerful collectivity xanthate used in the flotation treatment of sulfide and metallic ores,
specially a good collector for the flotation of Cu/Ni sulphide ore as well as gold associated with pyrite.

Packaging

120kgs/Iron drum x134drums=16.08tons/1x20' FCL

850kgs/wooden case x20cases=17tons/1x20' FCL

900kgs/wooden case x20cases=18tons/1x20' FCL

Storage & Transport information

Store in a cool, well-ventilated area. Keep away from heat, sparks and flames. Keep containers closed. Do not expose sealed containers to temperatures above 40°C. Avoid moisture contamination. Prolonged storage may result in lumping or caking.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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