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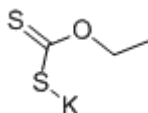
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Technical Data Sheet

Potassium Ethyl Xanthate

Product Information

Product Name	Potassium Ethyl Xanthate
Synonyms	PEX; Potassium O-ethyl carbonodithioate; Ethylxanthic Acid Potassium Salt; O-ethyl potassium carbonodithioate; potassium O-ethyl dithiocarbonate; Potassium ethylxanthate
CAS No.	140-89-6
EINECS No.	205-439-3
Molecular formula	C3H5KOS2
Molecular weight	160.3
Chemical structure	



Physical Properties

	White to Pale yellow powder or granular. Soluble in water with no impurity
Density	1.558g/cm ³
Melting Point	209-214°C
Boiling Point	120.5°C at 760 mmHg
Flashing Point	96°C
Vapor pressure	18.2mmHg at 25°C

Specification

Index name	Grade A	Grade B
Appearance	White to Pale yellow powder or granular	
Assay	≥90.0%	≥85.0%
Free alkali	≤0.2%	≤0.5%
Water and volatile matter	≤4.0%	≤10.0%

Safety

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

Applications

Potassium ethyl xanthate is a collector with better selectivity,widely applied in floatation of Cu/Zn/Ne and prite, especially for the gold floatation in gold and copper mine. It could make good rusult in the copper and lead oxidized ore. Normally used in rough selecting and scavenging.

Packaging

120kgs/Iron drum x134drums=16.08tons/1x20' FCL
850kgs/wooden casex20cases=17tons/1x20' FCL
900kgs/wooden casex20cases=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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