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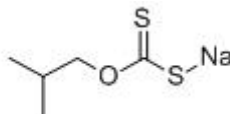
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Technical Data Sheet

Sodium Isobutyl Xanthate

Product Information

Chemical Name	Sodium Isobutyl Xanthate
CAS #	25306-75-6
Formula	C ₅ H ₉ NaOS ₂
Molecular Weight	172.24
Synonyms	Sodium O-isobutyl dithiocarbonate, SIBX
Chemical Structure	



Description

Slight yellow or grey yellow free flowing powder or pellet and soluble in water, pungent odour.

Specification

Index name	Grade A	Grade B
Xanthate purity, %	90.0 Min	84.0 Min
Free alkali, %	0.2 Max	0.4 Max
Moisture & volatile, %	4.0 Max	10.0 Max

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

It is low cost and powerful collector for flotation treatment of sulfide multimetallic ores, specially used in natural circuit for copper ores and pyrite.

It is applicable as a vulcanization accelerator for rubber industry and precipitant in wetting metallurgical industry.

Packaging

110KG-180KG drum, 850KG-900KG Wooden box, 25-50KG Bags.

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

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

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