

**NONFERROUS METALS INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YS/T 488-2005

Sodium (potassium) isobutyl xanthate
(English Translation)

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1 Scope

This standard specifies the requirements, test methods, inspection rules, packaging, marking, transportation, storage of sodium (potassium) isobutyl xanthate.

This standard applies to isobutyl sodium (potassium) industrial supplies, which are produced with isobutyl alcohol, carbon disulfide, sodium hydroxide (or potassium hydroxide) as raw materials. This product is mainly used as a collector for non-ferrous metal ore flotation.

2 Normative references

The provisions in following documents become the provisions of this Standard through reference in this Standard. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this Standard; however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 325 Packing containers - Steel drum

GB/T 10454 Flexible freight container

YS/T 271.1 ~ 271.3 Methods for chemical analysis of xanthates

SN/T 0273 Rules for the inspection of transport packaging for export commodities

- Wooden box

3.1.1 Designation, variety, chemical structural formula, product shape

The designation, variety, chemical structural formula, chemical name, product shape of sodium (potassium) isobutyl xanthate shall comply with the provisions of Table 1.

contract). A quality certificate shall be filled in.

5.1.2 The purchaser shall inspect the received products, in accordance with the provisions of this standard. If the inspection results are inconsistent with the provisions of this standard (or the order contract), it shall be proposed to the supplier, within one month from the date of receipt of the product; the problem shall be resolved, through negotiation between the supplier and the purchaser. If arbitration is required, arbitration sampling shall be carried out, jointly by both the supplier and the purchaser.

5.2 Group-batching

Sodium (potassium) isobutyl xanthate shall be submitted for acceptance in batches.

Each batch shall be composed of products of the same designation, the same status, the same production batch number.

5.3 Inspection items

Each batch of products shall be inspected for chemical composition and appearance quality.

5.4 Arbitration sampling method

Take 10% of the boxes (barrels or bags) from each batch of products as samples. The batch size shall be not less than 3 boxes (barrels or bags) per hour. Then use a clean and dry stainless steel probe, to insert from the middle of the box (barrel or bag) to the bottom, to take samples. Mix the specimens evenly. Take out not less than 300 g. Put it into a bottle. Label it, indicating: specimen name, batch number, sampling date.

5.5 Judgment of inspection results

5.5.1

When the chemical composition and appearance quality inspection results are inconsistent with this standard, it shall take double amount of specimens, from twice the packaging, for repeated inspection. Even if only one of the repeated inspection results does not meet the requirements of this standard, the whole batch of product will be deemed to be unqualified.

5.5.2

If the products received by the purchaser are deteriorated or damaged, due to transportation or storage, the departments involved shall be responsible.

6 Marking, packaging, transportation, storage, quality

certificates

6.1 Marking

Each packaging container shall be marked with a color, that is not easy to fall off:

- a) Supplier's name and address;
- b) Product name;
- c) Product batch number and net weight;
- d) The words "Avoid moisture and heat";
- e) This standard number;
- f) Exit-factory date (or packaging date) and shelf life.

6.2.1 Steel barrel packaging

6.2.1.1

The export steel barrel specifications shall comply with GB/T 325. The net weight per barrel is 120 kg for powdery dry product and 120 kg for granular dry product.

In special cases, the net weight is determined according to customer needs. The steel barrel is lined with high-pressure polyethylene plastic bags and sealed (sometimes the steel barrel is not lined with high-pressure polyethylene plastic bags, according to customer needs). Each batch of packaging barrels is accompanied by the performance inspection result certificate of the shipping export dangerous goods packaging container of the Import and Export Commodity Inspection Bureau; the barrel lid is tightened and sealed with a rubber gasket.

6.2.1.2

The domestic steel barrel's specification is 200 L; the net weight of each barrel is 120 kg.

6.2.2 Wooden box packaging

6.2.2.1

Products packaged in wooden boxes are export products. Put the product into a container bag. The container bag is in a wooden box. The net weight of each box is 850 kg. In special cases, the net weight shall be determined according to customer needs.

Container bags shall comply with the requirements of standard GB/T 10454.

6.2.2.2

Wooden boxes and pallets shall comply with the requirements of SN/T 0273. It shall have a performance inspection result certificate of the maritime export dangerous goods packaging container, which is issued by the Import and Export Commodity

Inspection Bureau.

6.2.3 Flexible packaging

The flexible packaging uses woven bags and inner films. The net weight of each bag is determined by negotiation between the supplier and the purchaser.

6.2.4 If the buyer has special requirements for packaging containers, they must be negotiated and agreed upon by both the supplier and the purchaser, meanwhile indicated

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