

## Sodium N (ISO) - Butyl Xanthate Tech Information

### GENERAL

|                             |  |
|-----------------------------|--|
| <b>Product name</b>         | <b>SODIUM N (ISO) - BUTYL XANTHATE</b>                 |
| <b>Applications</b>         | Flotation agent for sulfide ores, works as a collector |
| <b>Sales representative</b> | LMS Canada   |

### CHEMICAL INGREDIENT

|                        |  |
|------------------------|--|
| <b>Main ingredient</b> | Sodium N-butyl Xanthate: formula $C_4H_9OCSSNa$ , content 82 – 84.5%; 87 -90% when it's dry, free alkali: $\leq 0.5\%$<br>Sodium ISO-butyl Xanthate: formula $(CH_3)_2 CHCH_2OCSSNa$ , content 82 – 84.5%, 90% when it's dry, free alkali $\leq 0.5\%$ |
| <b>M. W.</b>           | 172.30   |
| <b>Purity grade</b>    | Industrial   |

### TECHNICAL DATA

|                           |   |
|---------------------------|---|
| <b>Physical state</b>     | Solid   |
| <b>Appearance</b>         | Light yellow powder                                 |
| <b>Odour</b>              | Unpleasant odor                                     |
| <b>Special gravity</b>    | 0.86 – 0.88   |
| <b>Chemical stability</b> | Relatively Stable                                   |
| <b>Solubility</b>         | Soluble in water                                    |
| <b>Vapor pressure</b>     | N/A   |
| <b>Vapor density</b>      | N/A   |
| <b>pH value</b>           | Solution presents weak base, pH value not available |

#### Incompatibility with other substances

Acetone (丙酮), hydrocarbon oil (烃基油). Sensitive to static discharges

#### Reactivity, and under what conditions

Form insoluble compound with many metal ions. Decomposition occurs under condition of acid, may also evolve carbon oxides and sulfur oxides when heated to decomposition.

### PACKAGE & STORAGE

|                              |   |
|------------------------------|---|
| <b>Package &amp; storage</b> | Metal container, net 120 kg per container, store in dry and cool areas. |
| <b>Theoretic shelf life</b>  | Over 6 months while stored in proper environment                        |

### TOXICOLOGICAL PROPERTIES

Refer to MSDS of product.

*Note: The information above is based on technical data provided by the manufacturer and those publications available. It is subject to change or update without notice.*