

PRODUCT INFORMATION SHEET 产品资料单

OBA

OBA, an excellent low temperature bleach activator and fatty acid-type anionic surfactant, is widely used as bleach activator of peroxide in cleaning products, which significantly enhances the detergency of laundry powder by activating peroxide. Additionally, OBA shows very good bleaching performance when applied in textile industry, paper making industry and bleaching system of other field textile.

Product Name: OBA

Chemical Name

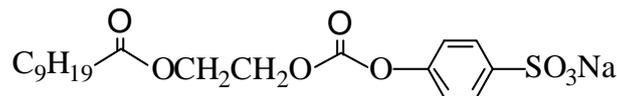
sodium 4-(2-decanoyloxyethoxycarbonyloxy) benzenesulfonate (abbrev. DECOBS)

Decanoic acid, 2-[[4-(sulfophenoxy)carbonyl]oxy]ethyl ester, sodium salt

Formula: C₁₉H₂₇NaO₈S

Molecular Weight: 438.47

Chemical structure:



CAS : 720697-37-0

Specification

Appearance:		White or blue free-flowable granule
Active component, DECOBS		80~86%
Moisture		≤3.0%
Specific Gravity, g/mL		0.55±0.05
Particle Size Distribution	Not through 16 mesh (1.18mm)	1.0%
	Through 70 mesh (0.2mm)	3.0%

Physical and Chemical Properties

Odor	Mild and slight odor of fatty acid
PH, 1% Solution	6~7
Solubility	Soluble in water, alcohol etc..
Boiling Point	not available
Melting Point	> 250°C
Vapor Pressure	not available
Density	0.6-0.96 (25°C)
Vapor Density (Air = 1)	not applicable
Viscosity at Ambient Temperature	12cp(60°C)

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Applications

Use as bleach activator of peroxide and anionic surfactant in cleaning products.

Handling and Storage

Handling

- ☞ Avoid contact with eyes, skin, and clothing. Do not inhale dust or mists, vapors.

Storage

- ☞ Keep away from incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers.
- ☞ Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Keep container tightly closed and do not allow water to be introduced to the contents of the container.

First-aid Measures

Inhalation.....Wash affected skin with soap and mild detergent and large amounts of water

Eye contact If the person is conscious and not convulsing, give 2-4 cupfuls of water to dilute the chemical and seek medical attention immediately. Do not inducing vomiting.

Skin contact... Wash affected skin with soap and mild detergent and large amounts of water

Ingestion..... If the person is conscious and not convulsing, give 2-4 cupfuls of water to dilute the chemical and seek medical attention immediately. Do not inducing vomiting.

Shipping Information

DOT (USA) Not regulated

TDG (Canada) Not regulated

-Label Statements: POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR

MIXTURES. Minimize dust generation and accumulation. Please read the MSDS for this chemical before using