

SODIUM METABISULFITE

CAS NO. 768157-4

Alternative names

SMBS, MBS, Meta, Sodium Bisulfite Anhydrous, Sodium Pyrosulfite

INEOS Calabrian is a leading supplier of sulfur dioxide and related derivatives. INEOS Calabrian manufactures sulfur dioxide and related derivatives such as sodium bisulfite, sodium metabisulfite, sodium thiosulfate and sodium sulfite in its integrated manufacturing facilities. Serving the global market from manufacturing sites in Port Neches, TX, USA and Timmins, ON, Canada. The products are used in a broad range of industrial and municipal wastewater treatment applications to achieve compliance with federal and local water regulations, as well as other specialty applications in personal care, pulp and paper processing, food preservation, oilfield production, mining and disinfection.

Appearance

Parameter	
Appearance	White Crystals
Appearance in Solution	Clear and free from insoluble matter except for a slight flocculence

Particle Size

U.S. Sieve	Tyler	Lower Limit	Upper Limit
Through No. 20	Through 20 Mesh	92%	100%
On No. 40	On 35 Mesh	10%	50%
Through No. 100	Through 100 Mesh	0	15%

Product meets FCC, ACS and/or USP Specifications. It is Kosher and NSF certified to NSF/ANSI Standard 60.

Rev. 08 Date 09-2024

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INEOS Calabrian

Specifications

Parameter	Units	Lower Limit	Upper Limit
Sodium Metabisulfite	wt. %	98.7	100.0
Assay as Sulfur Dioxide (SO ₂)	wt. %	66.5	67.2
Insoluble Matter	wt. %	0.000	0.005
Chloride (Cl)	wt. %	0.00	0.05
Sodium Thiosulfate (Na ₂ S ₂ O ₃)	wt. %	0.00	0.05
Sodium Sulfite (Na ₂ SO ₃)	wt. %	0.0	0.6
Arsenic (As)	ppm	0.0	1.0
Heavy metals (as Pb)	ppm	0.0	10.0
Iron as (Fe)	ppm	0.0	2.0
Selenium (Se)	ppm	0.0	5.0
Lead as (Pb)	ppm	0.0	2.0
pH (10% solution)	----	4.0	4.6

Health and Safety

Avoid contact with skin or eyes as sodium metabisulfite is acidic and may cause irritation. Use safety goggles, protective clothing and rubber gloves when handling to minimize contact. Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. In case of eye contact, flush thoroughly with water and call a physician. Flush all parts of body contacted with copious amounts of water. Use only in well ventilated area. Refer to Safety Data Sheet (SDS) for full health and safety information.

Packaging: 50 Lbs. plastic bags, 25 Kg. plastics bags and bulk tote sack.

Inquiries

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Or visit our website:

<https://www.ineos.com/businesses/ineos-enterprises/businesses/ineos-calabrian/>

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