

SODIUM METABISULFITE

(SMBS, MBS)



Sodium metabisulfite is an inorganic compound that can be applied in a broad range of industrial applications. Use sodium metabisulfite as an antioxidant, a food preservative or for safe dechlorination.

INEOS Calabrian is the only manufacturer of sodium metabisulfite in North America. Compared to other manufacturers, three things set INEOS Calabrian's sodium metabisulfite apart: exceptional purity, low environmental footprint, and its consistent granulation.



Exceptional Purity

Sulfur dioxide is the key ingredient in sodium metabisulfite, and INEOS Calabrian is the leading North American manufacturer of this raw material. INEOS Calabrian produces sulfur dioxide through a proprietary process called SO₂Clean[®]. Rather than burning sulfur using ambient air like most companies do, INEOS Calabrian creates a chemical reaction between sulfur and pure oxygen. Because pure oxygen is more sterile, this leads to consistently exceptional purity levels in sodium metabisulfite.

Lower Environmental Footprint

The SO₂Clean[®] process has a lower environmental impact than other production methods. Neither nitrogen nor sulfur trioxides are produced during the process and there's no process wastewater, so nothing is discharged into waterways. The SO₂Clean[®] process requires less water overall and creates less landfill waste. Using raw materials with a lower environmental footprint helps companies meet increasing corporate responsibility and sustainability targets.

Consistent Granulation

Optimized production and handling processes result in consistent granulation size, which limits dusting and waste during end user application and reduces your overall cost.



By using the best raw materials and maintaining tight control over their production, INEOS Calabrian guarantees high quality and consistency of its sodium metabisulfite. It meets or exceeds food-grade standards, is Kosher and National Sanitation Foundation certified, and approved by the Food Chemical Codex, the American Chemical Society and U.S. Pharmacopeia.

MADE IN THE USA CUSTOMIZED FOR YOU

INEOS Calabrian's sodium metabisulfite is manufactured in the United States and distributed globally. This helps customers reduce lead and transit times, and ensures reliable supply.

Customers can choose between several packaging options, ranging from 50-pound bags to 3,000-pound super sacks. Bulk delivery is also available.

INEOS Calabrian Sodium Metabisulfite Properties

	Assay with AA (% wt)	Sulfite (% wt)	Sulfate (% wt)	pH	H ₂ O (ppm)
Minimum Value	98.7	.05	1.3	3.9	354
Maximum Value	99.9	.70	1.6	4.3	733

Applications

INEOS Calabrian's sodium metabisulfite is commonly used in industrial and municipal wastewater treatment facilities, in compliance with federal and local water regulations. Other applications include:

- Cleaning Agents
- Dechlorination and Water Treatment
- Disinfection
- Food Preservation
- Leather Tanning
- Mining
- Oilfield Production
- Oxygen Scavenger
- Personal Care
- Photo Development
- Pulp and Paper

PART OF SOMETHING BIGGER

INEOS Calabrian is one of 34 INEOS Group businesses. INEOS is a global manufacturer of petrochemicals, specialty chemicals and oil products. In fact, it's one of the top five chemical companies based on revenue and one of the world's 50th biggest companies overall.

INEOS businesses, like INEOS Calabrian, create raw materials that are used to advance nearly every aspect of modern life. INEOS products are applied in diverse markets ranging from automotive to agriculture and medicine to mobile phones. They save lives, improve health and enhance living standards for people around the world.

INEOS BY THE NUMBERS

\$60B

\$60 BILLION IN ANNUAL SALES*



50

ONE OF THE WORLD'S 50 LARGEST COMPANIES OVERALL*



183

183 MANUFACTURING SITES ACROSS 26 COUNTRIES*



54

54 MILLION METRIC TONS OF PRODUCTION CAPACITY*



*Based on 2018 data

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INEOS Calabrian