

Ammonium Bisulfite

Data Sheet

- **Product name:** Ammonium Bisulfite.
- **Chemical name:** Ammonium acid sulfite.
- **Chemical formula:** (NH₄) HSO₃
- **Appearance:** Transparent, light yellow to greenish, spicy odor liquid.
- **Packaging:** In bulk or 270-kg drums (595 lb), containers up to 1,400-kg (3.086 lb) or in customized packages.

- **Product:** **Uncatalyzed Ammonium Bisulfite 45%**
- **Product identification in the program:** "Manufactured Products Control"
- **Code:** BSA107092004

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
Density at 25°C (77°F)	g/mL	1.380	1.400
pH of the product (pure) at 25°C (77°F)	-	4.00	6.00
Degree Baumé	° Bé	39.90	41.40
SO ₂ content	% (p/p)	43.00	45.00
Color	Light yellow		
Appearance	Transparent liquid		

- **Product:** **Catalyzed Ammonium Bisulfite 45%**
- **Product identification in the program:** "Manufactured Products Control"
- **Code:** BSA506042009
- **Product:** **Catalyzed Ammonium Bisulfite 45%**
- **Product identification in the program:** "Manufactured Products Control"
- **Code:** BSA506042009

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
Density at 25°C (77°F)	g/mL	1.380	1.400
Product pH (pure) at 25°C (77°F)	-	4.00	6.00
Degree Baumé	°Bé	39.90	41.40
SO ₂ content	% (p/p)	43.00	45.00
Cobalt Nitrate	ppm	50.00	200.00
Color	Light yellow		
Appearance	Slightly turbid liquid		



Product Applications:

- **Water treatment:** oxygen scavenger
- **Chemically:** It is an ammonium bisulfite solution with a high SO₂ concentration (up to 45%)
- **Oil:** It controls corrosion by eliminating dissolved oxygen in the systems and water lines, such as secondary oil recovery
- **Food:** it has multiple applications in the food industry
- **Mining:** This solution can be catalyzed - if necessary - to speed up scavenging properties.
- **Concentration:** Our company offers different concentration solutions at our customers' request.



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Ammonium Bisulfite

- Product: **Ammonium Bisulfite 70% (Enological)**
- Product identification in the program: "Manufactured Products Control"
- Code: BSAE06042009

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
Density at 25° C (77°F)	g/ml	1.380	1.420
Product pH (Pure) at 25°C (77°F)	-	4.00	6.00
Ammonium bisulfite (NH ₄ SO ₃ H)	% (p/p)	67.80	72.20
SO ₂ Content	% (p/p)	43.80	46.67
SO ₂ content	g/l	613.00	653.00
NH ₄ content	g/l	172.30	183.00
Color	Light yellow		
Appearance	Transparent liquid.		

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