

SODIUM SULFATE

Description: Sodium sulfate is an inorganic sodium salt. It is a chemical compound containing sodium, sulfur, and oxygen. In nature, sodium sulfate can be found in water sources, minerals, and some ponds. Industrially, it can be produced synthetically through the reaction of sulfates with sodium carbonate. The most common form of sodium sulfate is anhydrous (without water)

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| 1. Chemical Name | Sodium Sulfate (Glauber's salt (decahydrate)) |
| 2. Appearance | White crystalline solid / hygroscopic |
| 3. Odor | Odorless |
| 5. CAS No. | 7757-82-6 |
| 6. Chemical formula | Na ₂ SO ₄ |
| 7. Color | White |
| 8. Flash Point | None flammable |
| 9. Molecular Weight | 142.04 g/mol (anhydrous) / 322.20 g/mol (decahydrate) |
| 10. Density | 2.664 g/cm ³ (anhydrous) / 1.464 g/cm ³ (decahydrate) |
| 11. Solubility | insoluble in ethanol / soluble in glycerol, water, and hydrogen iodide
anhydrous: 4.76 g/100 mL (0 °C) |



12. SPECIFICATION TABLE

Parameters Parametreler	Unit Birim	Specifications Spesifikasyonlar	Unit Birim	Analysis Results Analiz Sonuçları	
Sodium sulfate	%	min.99,0	%		
10% Solution view	%	Clear	%		
Water-Insolvent substance	%	max.0,1	%		
NaCl	%	max.0,2	%		
Moisture	%	max.0,3	%		
pH 1% Solution	%	6,5 - 8,0	%		
Bulk density	%	1,5 ± 0,1	gr/cm ³		
Total Hardness	%	max. 5	g/d°		

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| 13. Applications | Detergent, Food, Glassmaking, Textile, Heat storage, Laboratory uses, De-icing, Laptop cooler, Starch production, Deodorizer, Feed additive, Paper. |
| 14. Packaging | 25 Kg bags, Big bags |
| 15. Health & Safety | Although sodium sulfate is generally considered non-toxic, it should be used with caution. The dust can cause temporary asthma or eye irritation; this risk can be prevented by using eye protection and a paper mask. Transportation is not restricted. |
| 16. Geo.Location | Eskisehir / Türkiye (Middle Anatolia) |
| 17. Storage | Store in original package, away from sunlight, in a dry and well ventilated room, stay away from flammable and reducing materials, drinks & food. |
| 18. Particle Size | supplied in powder form as in photo |