

Description Sodium Bromide Technical is a white, crystalline, hygroscopic material.

Applications Sodium Bromide Technical is used as a solid or dissolved in solution for the manufacture of various chemicals and for applications such as completion fluids.

Specifications	Assay, NaBr, wt%, min.	98.0
	Chloride, wt%, max	1.5
	Loss on drying, wt%, max.	1.0
	Sulfate, wt%, max.	0.05

Physical properties	Appearance	White, crystalline material
	Density, 68°F (20°C), g/cm ³ (lb/gal)	3.20 (26.7)
	Melting point, °F (°C)	1391 (755)
	Solubility in water, g/100g of water	
	at 20°C	c. 90.8
	at 40°C	c. 107
at 60°C	c. 118	
at 100°C	c. 121	
Reference: <i>Lange's Handbook of Chemistry</i> , 16th Edition (2005)		

Compatibility

Compatible materials of construction: Sodium Bromide Technical is compatible with most non-metallic materials of construction such as polypropylene, polyethylene, fiberglass-reinforced plastic (FRP), cellulose, cloth, coatings and rubbers. Metals can also be used if the sodium bromide is kept dry. If the sodium bromide becomes wet, steel will suffer general corrosion and stainless steels and aluminum will suffer pitting attack. The rates of attack will depend upon the amount of oxygen present but will not generally be rapid.

Shipping information

Container information:

1000 kg (2204.6 lb) super-sacks
25 kg (55.1 lb) bags, 40 bags per pallet

Shipping classification:

Not regulated for transportation

Safety and handling information

For specific safety, toxicity and handling information, please refer to the material safety data sheet for this product.

Chemical registration numbers

CAS: 7647-15-6
EINECS: 231-599-9
MITI: 1-113
KECL: KE-31368

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