

# Sodium Bromide Technical

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**Description** Sodium bromide technical is a white, crystalline, hygroscopic material.

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**Applications** Sodium bromide technical is used as a solid or dissolved into a solution for the manufacture of various chemicals, and for other applications such as completion fluids.

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**Specifications**

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

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**Typical Properties**

Appearance .....	white, crystalline material
Density, 68 °F (20 °C), g/cm <sup>3</sup> (lb/gal).....	3.20 (26.7)
Melting point, °F (°C) .....	1391 (755)
Solubility in water, g/100g of water, approx.	
@ 20 °C .....	90.8
@ 40 °C .....	107
@ 60 °C .....	118
@ 100 °C .....	121

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*Reference: Lange's Handbook of Chemistry, 16th Edition (2005)*

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**Compatibility** Sodium bromide technical is compatible with most non-metallic materials of construction such as polypropylene, polyethylene, fiberglass reinforced plastic (FRP), cellulose, cloth, coatings, rubbers, etc. Metals can also be used provided 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 in general will not be rapid.

**Shipping Information****Container Information**

1000 Kg (2204.6 lb) supersacks  
25 Kg (55.1 lb) bags, 40 bags per pallet

**Shipping Classification**

not regulated for transportation

**Safety and Handling Information**

For specific safety and handling information please refer to the current material safety data sheet.

**Chemical Registration Numbers**

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

*For further information, please refer to the material safety data sheet.*

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