

SODIUM BROMIDE SOLUTION

Product Data Sheet

General Description

Sodium bromide (NaBr) is a single salt clear brine fluid. It is available in 40% to 46% concentration.

Applications

Being a source of bromine, sodium bromide has various applications.

Some them are as follows:

- Because of its density, sodium bromide is used as a completion, work-over and packer fluid in oilfield applications.
- When used with an oxidizer, such as sodium hypochlorite, sodium bromide is an excellent biocide. It has wide industrial applications, including water treatment and pulp & paper manufacturing.
- Sodium bromide is used in reducing mercury levels in power plant emissions.
- Other applications for sodium bromide also include photography and medicines.

Availability

Sodium bromide is available in drums, totes, and bulk quantity from different storage facilities around the United States.

Safety and Handling

Sodium bromide is a strong salt solution. Protective clothing, rubber gloves and eye protection are recommended. Rubber safety boots should also be worn in work areas, since sodium bromide can damage leather. This product should be handled in areas with proper ventilation. Before using this product, refer to the MSDS (available on the Company's website) for complete safety and handling guidelines. For proper disposal guidelines for sodium bromides wastes, consult the appropriate local regulatory authorities.

PHYSICAL PROPERTIES

Appearance	Colorless Solution
Clarity	Clear
Odor	Slight
Assay	40% to 46% by weight NaBr
Crystallization Temperature	-21°F (-29.4°C) to 50°F (10°C)
Flash Point	None
Boiling Point	212-234°F (100-112°C)
Bulk Density @ 70°F (21°C)	11.6 to 12.6 lb/gal

CHEMICAL PROPERTIES

Chemical	NaBr
pH (1:10 dilution)	6.5 to 7.5

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