

Product Information

Sodium Nitrite 40% Solution

Product Description:

Sodium nitrite 40% solution is an odorless, clear liquid containing a low level of impurities and insolubles. Sodium nitrite is the precursor to a variety of organic compounds and is used in a variety of applications.

Applications:

Sodium nitrite is used as an anti-freezing agent in low temperature concrete, its addition also improves early strength development. It is used as a corrosion inhibitor in closed loop cooling systems. It is used as an accelerator in phosphate coatings and as a blowing agent in plastics and rubber. It is used in a molten state as a heat transfer medium.

Chemical Formula:

NaNO₂

CAS No. :

7632-00-0

Specifications:

Parameters (units)	Specifications
Sodium nitrite (%)	≥ 40
Nitrogen (%)	≥ 8
Sodium nitrate (%)	≤ 0.41
Chlorides in terms of NaCl (%)	≤ 0.07
Insolubles (%)	≤ 0.01

*% denoted represents wt/wt %, unless noted otherwise

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Packaging:

Material is available in IBCs and bulk tanks. Further packaging options may be available upon inquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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