

Thermo Fisher Scientific is committed to providing the best quality products and services to our customers.

Handling Precautions: Nitric Acid solutions >55% w/w

Product codes: N/2180, N/2200, N/2222, N/2250, N/2272, N/2300

Nitric acid solutions are supplied in black HDPE bottles of 500ml, 1 litre, 2.5 litres and 5 litres. As with all products from this product range, customers are provided with a recommended usage period. These bottles currently have an expiry phrase of 18 months from packing date, in line with current transport regulations. The details of this are available on the product label as below:

<p>EN: DANGER. May irritate skin, eyes, and lungs. May be corrosive to metals. Causes severe skin burns and eye damage. Take any precaution to avoid mixing with combustible. Wear protective gloves/protective clothing and protection for eyes. If SWALLOWED: rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor if advised.</p> <p>FR: DANGER. Peut aggraver un incendie existant. Peut être corrosif pour les métaux. Provoque des brûlures de la peau et des lésions oculaires graves. Prendre toutes les précautions pour éviter de mélanger avec des matières combustibles. Porter des gants de protection des vêtements de protection et du matériel de protection des yeux. En cas d'ingestion: Rincer la bouche. NE PAS provoquer le vomissement. En cas de contact avec les yeux: Rincer abondamment avec de l'eau pendant plusieurs minutes. Retirer les lentilles de contact si elles sont faciles à retirer. Continuer à rincer et consulter un médecin.</p> <p>For laboratory and manufacturing use only. Not for drug, food or household use. Do not transfer to an unmarked container</p>	<p>Nitric acid S.G. 1.42 (70%)</p> <p>Analytical reagent grade</p> <p>Salpeterminerale Salpetersäure 70% Acide nitrique (d = 1.42) 70%</p> <p>Packing Date : 10/10/2013 Use within 18 months of packing date Store cool and dry</p> <p>Date opened ___/___/___</p> <p>Fisher Scientific UK, Bishop Meadow Road, Loughborough, Leics. LE11 5RG, UK. T: +44(0)1509 231166 F: +44(0)1509 231893 www.fisher.co.uk email: fisherchemical@thermofisher.com</p>	<p>HNO₃ MW: 63.01 EC: 231-714-2 UN2031</p> <p>Net: 2.5 L Code: N/2300/PB17 Lot: SAMPLE</p> <p>Lot Analysis See catalogue for detailed specification CMA available on request from Fisher web site</p> <table border="1"> <tr> <td>SAMPLE</td> <td>SAMPLE</td> </tr> </table> <p>UN Regulations prohibit transport of nitric acid >55% in HDPE containers 2 years from their date of manufacture</p>	SAMPLE	SAMPLE
		SAMPLE	SAMPLE	
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It has come to our attention that bottles may have been stored by customers outside of the recommended usage period above. When stored for over 3 years, there have been occasional reports of bottle brittleness resulting in breakages while handling the goods.

To avoid any potential handling issues that may lead to injury, we recommend that all bottles stored for excessive time periods are removed and disposed of using the following precautions.

- Any bottles past expiration date or with a packing date 3 years or older should be handled with great care while wearing the appropriate protective equipment, especially when opening/closing the bottle. If the bottle is moved it should not be carried using the cap.
- Where possible, disposal of bottles with a packing date 3 years or older should occur on-site in line with the Safety Data Sheet of the product.
- UN approved overpacks must be used to transport any bottles with packing date 2 years or older whether for disposal or for other purpose.

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