


Specification

Sodium Azide pure

A1430

Physical Description:	Solid
Product Code:	A1430
Product Name:	Sodium Azide pure
Specifications:	<p>Assay (titr.): min. 99 %</p> <p>H₂O-insoluble matter: max. 0.05 %</p> <p>Solubility (H₂O; 17°C): 420 g/L</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Loss on drying: max. 0.25 %</p>
Hazard pictograms	
UN:	1687
Class/PG:	6.1/II
ADR:	6.1/II
IMDG:	6.1/II
IATA:	6.1/II
WGK:	2
Storage:	RT
Signal Word:	Danger
GHS Symbols:	<p>GHS06</p> <p>GHS09</p>
H Phrases:	<p>EUH032</p> <p>H300+H310</p>

AppliChem GmbH

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Specification

Sodium Azide pure

A1430

	H410
P Phrases:	P273 P309 P310
Molecular Formula:	NaN ₃
M:	65.01 g/mol
CAS:	26628-22-8
EINECS:	247-852-1
CS:	28500060
Index Nr.:	011-004-00-7
Comment	<p>Sodium azide is added to different solutions (e.g. antibody-solutions, blotto, buffers) to prevent growth of microbiological organisms. Its final concentration is approx. 0.02 - 0.2 %. Caution: Sodium azide is very toxic. It also reacts with some metals - especially with copper - in an explosive reaction. Therefore, sodium azide-containing solutions have to be diluted with plenty of water when wasted.</p>
Bibliography	<p>(1) Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) <i>Molecular Cloning</i>: A Laboratory Manual, 2nd Edition; Page 1.48. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York.</p>

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