

# AXCIDE

# DBNPA

## GENERAL

Chemical Name	2,2-dibromo-3-Nitrilopropionamide
Chemical Formula	C <sub>3</sub> H <sub>2</sub> Br <sub>2</sub> N <sub>2</sub> O
Molecular Weight	241.84
Appearance	White to off-white powder

## APPLICATIONS

It is used as anti-microbial agent, controlling bacterial, fungal and algal growth in industrial water systems like cooling towers, pulp and paper mill process water, oil-recovery systems and air-conditioning systems.

## SPECIFICATIONS

<u>Properties</u>	<u>Typical Value</u>
Assay (%):	98.0 min.
Melting Point (°C) :	123 – 128
pH (1% water solution):	4.0 – 6.5
Loss on drying (%) :	1.0 max

## STORAGE

*DBNPA* is to be stored in tightly-closed containers, in dark, cool, dry locations. It is sensitive to heat and light.

## PACKING

25kg-bag in fiber drum

## TRANSPORT INFORMATION

TOXIC POWDER, ORGANIC  
UN2811 PACKING GROUP III

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

## WaterChem Pte Ltd

48 Toh Guan Road East, #02-149 Enterprise Hub, Singapore 608586  
Tel: +65 6465 3268 Fax: +65 6465 3269  
Email: [ronaldau@waterchem.sg](mailto:ronaldau@waterchem.sg)  
[www.waterchem.sg](http://www.waterchem.sg)