



Specialized in chemicals

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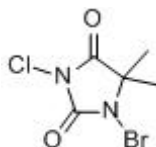
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Technical Data Sheet

BCDMH

Product Information

Chemical Name	BCDMH (1-Bromo-3-chloro-5,5-dimethylhydantoin)
CAS #	32718-18-6 or 16079-88-2
Formula	C ₅ H ₆ BrClN ₂ O ₂
Molecular Weight	241.47
Synonyms	1-Bromo-3-chloro-5,5-dimethylimidazolidine-2,4-dione; BCDMH, Bromine tablets
Chemical Structure	



Description

It is a white crystal powder, slightly dissolved in water but dissolved in many organic solvent.
It can be further machined to be granule and tablets, Stables when dry and easy to decompose when moistened.

Physical Properties

Appearance and Odor:	White or off white powder.
PH:	3.5-4.5 (1% BCDMH in water)
Melting Point:	156-163 °C
Boiling Point:	Not available.
Specific Gravity:	1.8-2.0
Solvent Solubility:	1.9 g/L at 25°C (in water)

Specification

Item	Specification
Appearance	White crystalline powder
Contents	≥96.00
Available Bromine %	≥63.5%
Available Chlorine %	≥28.2%
Weight loss after drying %	≤0.5%

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

mainly used in the disinfection of industrial circulating water, swimming pool, oil field water, hospital sewage, medicinal facilities, aquaculture, food process, hotel, home, warehouse, custom and epidemic-stricken area.

Packaging

5kg per plastic drum, 4 drums/carton, 13MT per 20GP container

10kg per plastic drum, 12.8MT per 20GP container

25kg per plastic drum, 18MT per 20GP container

Storage & Handling

Wear gas mask, goggle and plastic-rubber resistant suits to avoid breathing, eyes and skin contact, handling without strong sunlight.

Do not reuse container. Store the product under a cool, dry and ventilated place. Store away from reducing agents, food, organic chemicals

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and Disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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