

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

TECHNICAL DATA SHEETS

1. Product name:

DMDM Hydantoin

2. Chemical Name:

DMDMH;

Dimethyloldimethyl hydantoin;

1,3-Dimethylol-5,5-dimethylhydantoin;

1,3-Dihydroxymethyl-5,5-dimethylhydantoin;

1,3-Bis(hydroxymethyl)-5,5-dimethylhydantoin;

1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione;

1,3-Bis(hydroxymethyl)-5,5-dimethyl-2,4-imidazolidinedione

3. CAS No.:6440-58-0

4. MF:C7H12N2O4

5. MW:188.18

6. Technical specifications

Item	Specifications	Results
Appearance	Colorless transparent liquid	Conforms
Total solids	54~56%	55%
Specific gravity	1.15~1.18	1.17
Freezing point	-11°C	Conforms
PH	6~8	7
Free formaldehyde content	≤1%	0.061%
Total formaldehyde content	17~18%	17.3%
Conclusion	The results conforms with enterprise standards	

7. Usage

DMDM Hydantoin (short as DMDMH) is mainly used in shampoos, conditioners, cosmetics, and bactericidal preservatives.

8. Package

200kg/drum