



## Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone, Jinan City, Shandong Province, China  
Contact: +86-15668417750 Website: [www.unilongmaterial.com](http://www.unilongmaterial.com)

### TDS OF Dimethyloldimethyl Hydantoin DMDMH

#### 1. Quick Details:

CAS No.:6440-58-0

Other Names:Dimethyloldimethyl hydantoin DMDMH

MF:C7H12N2O4

EINECS No.:229-222-8

Place of Origin:Shandong, China

Purity:99%

Appearance:Colorless to slightly yellow transparent liquid

Usage:Cosmetic Raw Materials, Detergent Raw Materials, Hair Care Chemicals, Oral Care Chemicals

Brand Name:Unilong

#### 2. Specification:

Product Name	DMDM Hydantoin; DMDMH
CAS No.	6440-58-0
MF	C7H12N2O4
Appearance (25 °C)	Colorless to light yellow clear liquid
Odor	Odorless or characteristically mild
PH	5.0~7.0
Nitrogen,%	7.8~8.6
Total Solids,%	54~56
Specific Gravity(25oC)	1.14~1.17
Dissociative formaldehyde,%	≤2.0
Total formaldehyde,%	17~18
Ash	0.001% max.
Pb	0.004% max.
Solubility	Very soluble in water; soluble in lower alcohols and glycols

#### 3. Application:

**DMDM Hydantoin (DMDMH)**, is permitted for use in cosmetic and personal care products in the USA and the EU to a maximum concentration of 0.6%.

DMDMH is compatible with essentially all cosmetic ingredients, such as surfactants, emulsifiers, proteins, aloe and amines.

DMDMH is an excellent preservative for both leave-on and rinse-off products such as shampoos, creams, lotions, bubble baths, rinses, wipes and towelettes.



## Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China  
Contact: +86-15668417750 Website: [www.unilongindustry.com](http://www.unilongindustry.com)

---

#### 4.Packing and Storage:

200kgs/drum, 16tons/20'container

Storage: Stored in the dry and ventilated inside storeroom, prevent direct sunlight, slightly pile and put down

Unilong Industry