



DIMETHYLOLPROPIONIC ACID

GENERAL DESCRIPTION

Product:	DIMETHYLOLPROPIONIC ACID
Synonyms:	2,2-Bis(hydroxymethyl)propionic acid
CAS number:	4767-03-7
EC No :	225-306-3
Molecular Formula:	CH ₃ C(CH ₂ OH) ₂ COOH
Molecular Weight:	134.13

SALES SPECIFICATION

Appearance:	white powder
Purity:	98% min
Packing:	25 kg PE bags

PHYSICAL PROPERTIES

Physical State:	Powder
Appearance:	white
Odor:	odorless
pH:	2.47 (120.7g/l water)
Melting Point:	170 - 180°C
Solubility in water:	120.7 g/l at 20°C
Specific Gravity/Density:	0.840 g/cm ³
Partition Coefficient (n-octanol/water):	-0.58

USE

Polyurethane dispersions; Alkyds and polyesters; Chemical building block; Printing inks; Photographic chemicals;

CLASSIFICATION

European Hazard Symbols:	Xi - Irritant
Risk Phrases:	R36/37
Safety Phrases:	S26
GHS classification and labeling:	Eye Irrit. 2 STOT Single Exp. 3
Hazard statement:	H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Pictogram:	
Signal word:	Warning