



PRODUCT IDENTIFICATION

Description
Dimethyl hydroxymethylphosphonate is an alcohol with phosphonic acid dimethyl ester function.

Reference	Designation	CAS Number
SP-3-13-001	Dimethyl hydroxymethylphosphonate	24630-67-9

Formula
$\text{HO} - \text{CH}_2 - \text{PO}(\text{OCH}_3)_2$

THEORETICAL PHYSICAL / CHEMICAL PROPERTIES

Physical Aspect	Clear Liquid
Molecular Weight (g/mol)	140,07
Composition (wt %)	C 25,7 H 6,5 O 45,7 P 22,1

Boiling Point (°C)	209 (± 23)
Solvents	Chloroform
pKa	12,73



NMR SPECTRA



