



## PRODUCT IDENTIFICATION

Description
Undecenyl Phosphonic Acid is an allylic chemical with phosphonic acid function.

Reference	Designation	CAS Number
SP-61-003	Undecenyl Phosphonic Acid	867258-92-2

Formula
$\text{CH}_2=\text{CH}-[\text{CH}_2]_9\text{PO}(\text{OH})_2$

## THEORETICAL PHYSICAL / CHEMICAL PROPERTIES

<b>Physical Aspect</b>	White Powder
<b>Molecular Weight (g/mol)</b>	234,27
<b>Composition (wt %)</b>	C 56,4 H 9,9 O 20,5 P 13,2

<b>Boiling Point (°C)</b>	367 (± 25)
<b>Solvents</b>	Acetone, Methanol, THF
<b>pKa</b>	First acidity 2,42 Second acidity 8,08



## NMR SPECTRA



