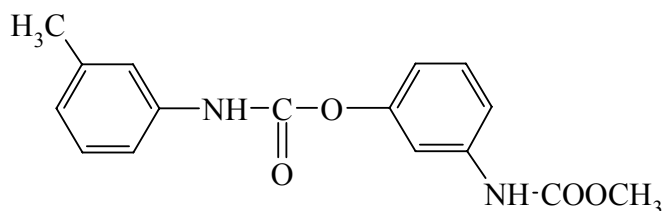


PHENMEDIPHAM

77



<i>ISO common name</i>	Phenmedipham
<i>Chemical name</i>	3-Methoxycarbonylamino phenyl 3'-methylcarbanilate (IUPAC); 3-[(methoxycarbonyl)amino]phenyl-(3-methylphenyl)carbamate (CA; 13684-63-4)
<i>Empirical formula</i>	C ₁₆ H ₁₆ N ₂ O ₄
<i>RMM</i>	300.3
<i>m.p.</i>	142.7 °C
<i>v.p.</i>	7 × 10 ⁻¹⁰ Pa at 25 °C
<i>Solubility</i>	In water (de-ionised): 0.006; acetone: 165; methanol: 36.2; toluene: 0.97; ethyl acetate: 56.3, (all in g/l at 20 °C)
<i>Description</i>	The pure material is a colourless, odourless, crystalline solid
<i>Stability</i>	Stable to light, stable in acidic media, but hydrolysed in neutral and alkaline media
<i>Formulations</i>	Wettable powders and suspension concentrates

PHENMEDIPHAM TECHNICAL
77/TC/M/3.2 (revised)

As for phenmedipham technical 77/TC/M/3.2 CIPAC C, p.2184 except:

add under REAGENTS:

Acidified methanol Prepare a solution of acetic acid in methanol (3 g/l).

change *Calibration solution* to:

Weigh (to the nearest 0.1 mg) 50 mg phenmedipham (*s* mg) into a volumetric flask (50 ml), dissolve in acidified methanol and fill up to the mark. Pipette 10 ml of this solution and 20 ml of the internal standard solution into a volumetric flask (100 ml), fill up to the mark with mobile phase and mix thoroughly.

and change *(b) Sample preparation* to:

Weigh (to the nearest 0.1 mg) sufficient sample to contain 50 mg phenmedipham (*w* mg) into a volumetric flask (50 ml), dissolve in acidified methanol and fill up to the mark. Pipette 10 ml of this solution and 20 ml of the internal standard solution into a volumetric flask (100 ml), fill up to the mark with mobile phase and mix thoroughly.

PHENMEDIPHAM EMULSIFIABLE CONCENTRATES
77/EC/M2/- (revised)

As for 77/EC/M2/-, CIPAC C p.2186 except:

3 Phenmedipham. As for phenmedipham technical 77/TC/M/3.2 (revised).