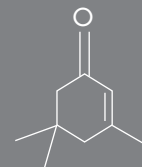


ISOPHORONE (IPHO)

CAS N° 78-59-1

GENERAL CHARACTERISTICS

Isophorone (IPHO) is a clear, high boiling, slow evaporating liquid. Its remarkable properties are highly appreciated in chemical synthesis, agrochemicals and paints industries.



MAIN APPLICATIONS

- IPDA and IPDI:** IPHO is used in the synthesis of Isophorone diamine and isophorone diisocyanate for manufacturing epoxy, isocyanate and polyamide resins.
- 3,5-Xylenol (PCMX), TMCHONE/TMCHOL:** IPHO is used as intermediate.
- Pharmaceuticals:** Synthesis of Active Ingredients in Vitamine E, Cyclonicate, Cyclandelate, Neramexane.
- Agrochemicals:** IPHO is used as co-solvent in the formulation of Emulsifiable Concentrate (EC).
Its good solvent properties allow formulations that permit optimum distribution of herbicide or pesticide used in Rice Crop (Propanil) and Beetroot Crop (Betanal), thereby increasing the effectivity of the active agent.
- Paints and varnishes:** Excellent solvent for PVDF resins. Levelling aid for polyacrylate, alkyde, epoxy, urea-formaldehyde, phenolic resins. Its special properties improves the film's characteristics offering a glossy and smooth effect.



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