

Technical information

ETHYLTRIPHENYLPHOSPHONIUM ACETATE

Acetic acid complex 70% in ethanol

Synonyms:	EtPh ₃ POAc/EtOH, ETPA		
CAS number:	35835-94-0	EINECS number:	252-743-7
Formula:	[C ₂ H ₅ P(C ₆ H ₅) ₃] C ₂ H ₃ O ₂ .C ₂ H ₄ O ₂	Molecular weight:	410.44
HTS no.:	29310095		

PRELIMINARY SPECIFICATION

Appearance	yellow clear liquid
Color (Gardner)	2
Assay	70%
Volatile	30%



PROPERTIES

Boiling point	78 °C
Flash point	13 °C
Odor	typical of alcohol
Density	~ 1.05 kg/l

PACKING

Packaging as yet undetermined

HEALTH & SAFETY, SHIPPING

Classification	T – Toxic, F – Highly Flammable	 
UN no.	1992	
Codes / markings	class 3 II R11, 23/25, 37/38, 41 S7, 18, 26, 28	
LD ₅₀ (oral - rats):	126 mg/kg (ethyltriphenylphosphonium acetate)	
LD ₅₀ (oral - rats):	7060 mg/kg (ethanol)	

APPLICATIONS

- Phase Transfer Catalysis (PTC)
- Polymerization and Curing
- Wittig Reaction
- Biocidal Applications
- Carbonylation / Hydroformylation
- Electrostatic Applications
- Corrosion Inhibition

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