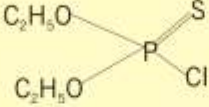


O,O-DIETHYLTHIOPHOSPHORYL CHLORIDE (DETC)



O,O-DIETHYLTHIOPHOSPHORYL CHLORIDE (DETC) is the intermediate used in the manufacture of many Organophosphorus pesticides.

PHYSICAL PROPERTIES

Chemical name	:	O,O-Diethylthiophosphoryl chloride
CAS No.	:	2524-04-01
Molecular structure	:	
Molecular formula	:	C ₄ H ₁₀ ClO ₂ PS
Molecular weight	:	188.6
Physical state	:	Colourless to light yellow fuming liquid
Odour	:	Characteristic

TYPICAL ANALYSIS

Purity by GC, %	:	99.0 Min.
Boiling point, °C	:	71 - 72 at 7mm of Hg. 81 - 82 at 12mm of Hg. 96 - 98 at 25mm of Hg.
Specific gravity at 25°C	:	1.188 ± 0.002

PACKAGING

Unit pack	:	225 Kgs HMHDPE drums or Stainless steel 316 tanker, ISO Tanks. UN approved packs available for export
UN NO.	:	2751
IMCO class	:	8
Packing group	:	II

O,O-DIETHYLTHIOPHOSPHORYL
CHLORIDE (DETC)





O,O-DIETHYLTHIOPHOSPHORYL CHLORIDE (DETC)

APPLICATIONS

- It is used as an intermediate in the manufacture of many Organophosphorus pesticides like; Quinalphos, Chlorpyrifos, Triazophos, Diazinon, Demeton, Profenophos.
- It is also used in the manufacture of Corrosion inhibitors, Rubber accelerators, Floating agents, Oil additives, Gasoline additives and Plasticizers.

All specifications and suggestions appearing in this bulletin concerning the use of our products are based upon tests and data believed to be reliable. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by **EXCEL INDUSTRIES LIMITED** as to the effects of such use or the results to be obtained.

For any further information refer our Material Safety Data Sheet.

O,O-DIETHYLTHIOPHOSPHORYL
CHLORIDE (DETC)

