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Piperylene



Piperylene is a volatile, flammable hydrocarbon consisting of a five carbon chain with two double bonds. It is obtained as a byproduct of ethylene production from crude oil.

Chemical Name:Piperylene,1-methylbutadiene, 1,3-pentadiene

Molecular Formula: C_5H_8

Molecular weight:68.12

Typical Properties:

Boiling Points	CIS 44.7 C, TRANS 42.3 C
Appearance	Colorless or light yellow liquid(volatile combustible and explosive)
Flash Point	-29 C
Specific Gravity	0.6830
Melting Points	CIS -141 C, TRANS -87 C

Specifications:

Dicyclopentadiene+Cydopentadiene,%	≤ 1.0
Water, %	≤ 0.025
Trans Piperylene,%	≥ 42.0
Piperylene,%	≥ 67.0
Appearance	Colorless and clear liquid
Color(Pt-Co)	≤ 100
Cydopentane+Cydopentene,%	\leq Surplus

Applications: Piperylene is used as a monomer in the manufacture of plastics, adhesives and resins.

Packing: In bulk. (Isotank or Drum)

Transportation: To be transported as first class dangerous articles, bulk deliveries of tank car.

Storage: Store in a place with low temperature and good air circulation, Keep away from direct sunlight, heat and fire. Do not store for extended periods to prevent polymerization.