

## Technical Data Sheet

### **(Trimethylsilyl)-1-Propyne**

CAS# 6224-91-5

Item # 78100.00

#### **DESCRIPTION:**

(Trimethylsilyl)-1-Propyne is a clear colorless liquid.

#### **USES:**

In Organic Synthesis reagent for the conversion of aldehydes to 1,3-dienes in presence of  $\text{Cp}_2\text{Zr(H)Cl}$ .<sup>1</sup> Polymerization catalyzed by tantalum pentachloride/triphenylbismuth<sup>2</sup> yields polymers with high oxygen permeability.<sup>3</sup>

#### **PHYSICAL & CHEMICAL PROPERTIES:**

<b>Attribute</b>	<b>Typical Value</b>
Formula Weight:	112.25
Purity	98% Min.
Boiling Point	99-100°C
Flash Point	25°F
Specific Gravity	0.758 @ 20°C
Odor	Irritant

#### **MATERIAL SAFETY DATA SHEET (MSDS):**

An MSDS is available upon request

#### **QUANTITY PRICING and AVAILABILITY:**

Available upon request

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(1) Tetrahebron Lett. **1992**, 33, 5969. (2) L. Polym. Sci. A **1987**, 25, 1353. (3) J. Am. Chem. Soc. **1983**, 105, 7473