

C 6 - D V

A Pioneer in Fluorochemistry



TOSOH F-TECH, INC.

1. C6-DV

Name	1,6-Divinyl(perfluorohexane)		
Structure	$\text{CH}_2=\text{CH}-(\text{CF}_2\text{CF}_2)_3-\text{CH}=\text{CH}_2$		
Formula	$\text{C}_{10}\text{H}_6\text{F}_{12}$	EINECS	2172880
Mol. Wt.	354.14	TSCA	NOT REGISTERED
CAS Reg. No.	1900-91-5		

2. Characteristics

- 1) **C6-DV** is a bi-functional fluorocarbon that has two vinyl group.
- 2) **C6-DV** has lower refractive index than hydrocarbons.
- 3) **C6-DV** is a starting materials for various fluoro-silicone monomers via hydrosilation, which are useful for coating.

3. Properties

Appearance	Colorless clear liquid		
Boiling Point	83.5 °C/43mmHg	Vapor Density	12.4 (calcd.)
Refractive Index	1.332 at 20 °C	Flash Point	67.5 °C (Tag Closed cup)
Specific Gravity	1.506 at 20 °C		

4. Handling and Storing

- 1) In the event that contact is made with eyes or skin, wash immediately with large amounts of water. If the eyes are affected, seek immediate medical attention after washing.
- 2) In the case of fire, wear appropriate protective clothing and use self-contained breathing apparatus. Use water, foam, dry chemical or carbon dioxide to extinguish.
- 3) Store in cool, dry, well ventilated area, away from sources of ignition.

5. Toxicity

Ames Test: Negative

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