

Product Name: Propylene

Product Summary

Propylene is a typical basic petrochemical produced together with ethylene via naphtha cracking. It is a basic raw material for propylene products such as polypropylene, acrylonitrile, and phenol.

Characteristics

- Boiling point: -47.7°C, Melting point: -185.2°C, Flash point: -107.8°C, Ignition point: 480°C
 - Propylene is an unsaturated C3 hydrocarbon compound with a single double bond.
 - The IUPAC name for propylene is propene.
 - Polypropylene, a polymer of propylene, is obtained via coordination polymerization using Ziegler-Natta catalysts, etc.
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Properties

Colorless combustible gas with a slight aromatic odor

Storage Conditions, etc.

Keep away from heat and other ignition sources and store in a well-ventilated dry area.

Number Specified by the Act on the Regulation of Manufacture and Evaluation of

Chemical Substances

(2)-13

CAS Registry Number

115-07-1

Relevant Laws and Regulations

The Industrial Safety and Health Act, the High Pressure Gas Safety Act, the Civil Aeronautics Act, the Ship Safety Act, the Port Regulations Act, the Road Act

Inquiries

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