

## Product Name: Propylene

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### 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.

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### 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

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### Storage Conditions, etc.

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

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

### Chemical Substances

(2)-13

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### CAS Registry Number

115-07-1

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## **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

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## **Inquiries**

Product Sales Group

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