

## Technical Data Sheet

### **2,2-Dimethylpropane (Syn: Neopentane)**

CAS# 463-82-1

Product# 2143.90

#### **DESCRIPTION:**

2,2-Dimethylpropane is a colorless, flammable gas at room temperature and atmospheric pressure.

#### **USES:**

Organic synthesis. Production of isobutylene.

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

Purity:	99% Min.
Density @ Saturation pressure @ 25°C	0.5851 kg/l <sup>1</sup>
Vapor Pressure @ 21.1°C	21.7 psia <sup>1</sup>
Boiling Point @ 101.325 kPa	9.5°C <sup>1</sup>
Melting Point:	-16.6°C <sup>1</sup>
Viscosity, Gas @ 101.325 kPa @ 20°C	0.00700 cp <sup>1</sup>
Odor:	Characteristic

#### **TYPICAL IMPURITIES:**

Propane

#### **TOXICITY:**

2,2-Dimethylpropane has some degree of anesthetic activity in humans, and is mildly irritating to mucous membranes. It can act as a simple asphyxiant.

#### **SHIPPING CLASS:**

UN2044 Flammable Gas

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

An MSDS is available upon request

---

<sup>1</sup> Matheson Gas Data Book

The information contained herein is typical of the product and is not intended for specification purposes. We accept no responsibility for the results obtained by the application of this information or for the safety and suitability of this product in any particular use. Users are advised to make their own tests to determine the suitability of this product for their own purposes. No warranty is expressed or implied and buyers assume all responsibility and liability for loss or damage arising from the use of this information or handling and use of this product.