The Design Institute for Physical Properties (DIPPR), a renowned source for chemical properties, and Knovel have partnered in creating a decision-support solution specifically for chemical engineers.

WHAT IS IT?

The DIPPR 801 Database in Knovel is an extensive database of rigorously evaluated pure component data on industrially important chemical compounds. The Database contains:

• 2278 Compounds
• Values for 49 Thermophysical Properties for each compound in the database
• 4 interactive tables (Critical properties and Acentric Factor, Hazard and Safety Properties, Physical Constants, and Thermodynamic Properties) in which all properties are enabled with searching, filtering and sorting functions for convenience
• 15 temperature-dependent properties (e.g., Density, Heat Capacity, Thermal Conductivity) in equation plotter applet
• Raw data and expert recommended values for 34 Constant Properties
• Raw literature data and expert recommended equation coefficients for 15 Temperature Dependent Properties
• Predicted values when experimental chemical data is not available
• References, notes, and quality codes for all data points

Compound data includes experimental data and, when necessary, estimated values that have been reviewed to ensure the greatest accuracy possible.
WHO WILL FIND THIS RESOURCE VALUABLE?

- Chemical Engineers
- Chemical Process Engineers
- Chemical Equipment Designers

WHICH INDUSTRIES WILL FIND THIS RESOURCE VALUABLE?

- Chemical Process
- Engineering, Design and Construction
- Equipment Manufacturing
- Petroleum
- Pharmaceuticals

The DIPPR Project 801 premium resource in Knovel helps engineers in these industries expedite the discovery of properties and compounds and easily export data to essential software platforms for further analysis and comparison.

GET STARTED

- **Administrators:** Contact your Elsevier representative or visit www.elsevier.com/knovel to request for more information.

- **Users:** Contact your Administrator to inquire about your organization’s access to this database or visit www.elsevier.com/knovel to request a product demonstration.

ABOUT KNOVEL

With over 15 years in the market and hundreds of thousands of users around the world, Knovel is a best-in-class information, discovery and decision-support tool that truly augments the engineer’s expertise and productivity.

For more information visit:
http://www.elsevier.com/online-tools/knovel