

COVEN FP2171DE

ELECTRON FLUORIDE FLUID

COVEN FP2171DE fluoride fluid is a true azeotrope, with constant vapor and liquid composition at its boiling point. This fluid is ideal for medium-duty cleaning and degreasing tasks, as well as specialty solvent applications, and is intended to replace ozone-depleting materials in many applications. The increased solvency and low surface tension, nonflammability and constant composition during boiling of COVEN FP2171DE fluid make it ideal for immersion and vapor degreasing applications. These properties also may make the azeotrope ideal for certain coating and lubricant deposition applications where increased solvency is required.

FEATURES

- **Features:** safe and no flash point, high solvency, low surface tension, zero ozone depletion potential and other favorable environmental, health and safety properties.
- **Advantages:** environmentally friendly and clean, ODP value is zero, safe to use, high solvency, low surface tension and no solvent residue.

TYPICAL PROPERTIES

Property	Value
Appearance	Colorless
Liquid Density (25°C)	1.37 g·mL ⁻¹
Odor	Faint odour
Autoignition Temperature	No data
Boiling Point	41°C
Flash Point	No
Vapor Pressure (25°C)	51 kPa
KB	27
GWP	160
Freezing point	-24°C
Kinematic Viscosity (25°C)	0.3285 mm ² ·s ⁻¹
Latent heat of vaporization	200.9 kJ·kg ⁻¹
Surface Tension (25°C)	16.6 mN·m ⁻¹
ODP	0

APPLICATION

- Cleaning, rinsing and drying agent.
- Cleaning of oils, greases, waxes.
- Specialty solvent applications, including coatings

STORAGE AND TRANSPORTATION

1. COVEN FP2171DE should be stored in a clean, dry warehouse, protecting from high temperature insolation, stay away from heat, fire, acids, strong alkalis, oxidants, etc.
2. COVEN FP2171DE is a colorless and transparent liquid. Avoiding violent vibration during transportation and avoiding upside-down when stacking.
3. COVEN FP2171DE is volatile. Pay attention to the tightness of the product during storage and transportation.

DIRECTION OF USE

1. The local regulations on normal protection and industrial hygiene related to chemical handling must be observed, and thermal decomposition products must not be inhaled. Avoiding skin contact with hot substances.
2. Do not eat, drink or smoke when using this product. Wash thoroughly after operation. Avoiding release to the environment. Avoiding contact with oxidants (such as chlorine, chromic acid, etc.).
3. When using this product, you should follow the information and recommendations provided in our "Chemical Safety Data Sheet".
4. When using this product, make sure the room is well ventilated.

The data contained in this bulletin is provided only as a guide for evaluation/consideration. These material characteristics are typical properties that are based on a limited number of samples tested in the laboratory. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or method. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.