ELECTRON FLUORIDE FLUID
ASI-72DE

Main function

ASI-72DE fluoride fluid is a blend of azeotropes. The blend has been analyzed during evaporation and extended use in a vapor degreaser and found to have a consistent composition that is effective for medium- to heavy-duty degreasing and defluxing applications.
ASI-72DE fluid is intended to replace ozone-depleting substances, chlorinated solvents and other solvents. It is ideal for a wide range of electronics and other precision cleaning applications.
The high solvency, low surface tension, nonflammability and stability of ASI-72DE fluid make it ideal for immersion and vapor degreasing applications. These properties also make the solvent ideal for certain coating and lubricant deposition applications where increased solvency is desired.

Key Features

Features: Safe and no flash point, high solvency, low surface tension, has zero ozone depletion potential and other favorable environmental, health and safety properties.

Advantages: Environmentally friendly and clean, ODP value is zero, safe to use, the high solvency, low surface tension, nonflammability and stability of ASI-72DE fluid make it ideal for immersion and vapor degreasing applications. Medium- to heavy-duty degreasing and defluxing applications. These properties also make the solvent ideal for certain coating and lubricant deposition applications where increased solvency is desired.

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Specifications

Property	Value
Appearance	Colorless
Boiling Point	43 °C
Freezing point	No data
Vapor Pressure (25 °C)	46.7 kPa
Latent heat of vaporization	217.7 $kJ \cdot kg^{-1}$
Surface Tension (25 °C)	19 $mN \cdot m^{-1}$
KB	52
Odor	Faint odor
Liquid Density (25 °C)	1.28 $g \cdot mL^{-1}$
Kinematic Viscosity (25 °C)	0.3516 $mm^2 \cdot s^{-1}$
Autoignition Temperature	No data
Flash Point	None
ODP	0
GWP	43

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Main Application

- Cleaning, rinsing and drying agent.
- Cleaning agents and bleaching agents for steam degreasing.
- Cleaning of rosin solder flux residues, oils, greases and waxes.
- Specialty solvent applications.

Storage & Handling

- ASI-72DE should be stored in a clean, dry warehouse, protecting from high temperature insolation, away from heat sources, away from acids, strong alkalis, oxidants, etc.
- ASI-72DE is a colorless and transparent liquid. Avoiding violent vibration during transportation and avoiding upside-down when stacking.
- ASI-72DE is volatile. Pay attention to the tightness of the product during storage and transportation.

Safety and Precautions

- 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.
- Do not eat, drink or smoke when using this product. Washing thoroughly after operation. Avoiding release to the environment. Avoiding contact with oxidants (such as chlorine, chromic acid, etc.).
- When using this product, you should follow the information and recommendations provided in our "Chemical Safety Data Sheet".
- When using this product, make sure the room is well ventilated

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Your use of our product, technical assistance, information (whether oral, written or in the form of production evaluation) and for your purposes of use, including any suggested formulations and recommended content, are beyond our control. Therefore, it is necessary for you to test our product, technical assistance and information to determine whether it meet your use needs. The specific application analysis must include at least tests to determine its applicability from the technical, health, safety and environmental perspectives. We are not required to carry out such tests.

Unless we otherwise agree in writing, all products will be sold in strict accordance with the standard terms of sale, which we may provide upon request. We do not guarantee or warrant any information and technical assistance provided and are subject to change without prior notice. We do not guarantee or warrant any information or technical assistance provided and are subject to change without prior notice.

Both parties expressly understand and agree that you will assume all liability, whether related to infringement, contract or use of our products, technical assistance and information, we will not accept such liability. Any statement or recommendation not contained herein is unauthorized and does not bind us in any way.

Nothing herein shall be construed as suggesting the use of any product in violation of any patent rights relating to any material or use. This information does not imply or in fact grant any patent rights.

This product is not of "medical grade" and should not be used in the manufacture of medical equipment or intermediate products of medical equipment, as these products will come into direct contact with the patient's body during normal use (e.g. skin, body fluids or body tissues, including blood not in direct contact).

In addition, this product should not be used as a food additive, including drinking water or cosmetics.

If the product is to be used for the production of medical supplies, intermediate products for medical supplies, for the production of food grade products or cosmetics, the company must contact ASI Technologies Ltd. in advance to obtain permission to sell the products for the above purposes.

However, the purchaser of the product must make its own decision as to whether the product is suitable for the manufacture of medical products, medical device intermediates, food additives or cosmetics, without relying on any representations made by the company.

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