



FRS ENVIRONMENTAL

WASTE MANAGEMENT SOLUTIONS FOR A CLEANER WORLD

1414 E. Sixth St. Corona, CA 92879

Phone (800)297-7292 (951)898-1888

EPA ID: CAL000224539

D-SOLV 220

VOLATILE (VOC) EXEMPT CLEANING SOLVENT

D-SOLV 220 is a volatile, VOC-exempt cleaning solvent exhibiting an average viscosity of 2.5 cst at 25°C. **D-SOLV 220** can also be described as a blend of halogenated solvent and cyclomethicones, and is a complex mixture of decamethylcyclopentasiloxane, octamethylcyclotetrasiloxane, and parachlorobenzotrifluoride. It is water insoluble but is soluble in aromatic and aliphatic hydrocarbons, some mineral and vegetable oils, and low molecular weight alcohols such as anhydrous ethanol or IPA. **D-SOLV 220** exhibits good thermal and oxidative stability, with an extremely low surface tension. It is chemically inert to most common materials of construction, making it essentially non-corrosive. It exhibits very low toxicity characteristics, encouraging use in applications where inhalation or casual skin contact is a concern. **D-SOLV 220** exhibits good solvency characteristics, making it useful as a cleaning agent in non-aqueous systems. It is considered VOC-exempt under federal EPA standards, making it of particular utility in applications requiring low to no VOC compliance. **D-SOLV 220** does exhibit an extremely sharp odor profile, which may make it unacceptable for use in some applications.

APPLICATION:

Typical uses for **D-SOLV 220** include textile processing, ex. dry cleaning, and metal cleaning. **D-SOLV 220** is widely used as a cleaning solvent in parts washers and tank wash systems. It works best in closed loop systems where evaporation can be minimized and solvent recovery can be maximized via filtration and/or distillation. It can be used in some open systems due to its relatively slow evaporation rate. If a slower evaporation rate is required, evaluation of other **D-SOLV-series** products, such as **D-SOLV 300** or **D-SOLV 305**, may be warranted. **D-SOLV 300** and **D-SOLV 305** exhibit reduced solvency relative to **D-SOLV 220**, but have slower evaporation rates, higher flash points, and a better eco-tox profile under certain test conditions.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. The purchaser must determine individually, by preliminary tests or otherwise, the suitability of this product for the intended purpose. The technical information and use suggestions herein are presented in good faith and are believed to be reliable. They do not constitute a part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct, or that the product described is merchantable or fit for a particular purpose, or that said information, data or product can be used without infringing patents of a third party.

This technical data sheet replaces all previous issues. Revision: 02/21



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<u>Property</u>	<u>Specification</u>	<u>Typical</u>
Appearance at 25°C	Clear liquid	Clear liquid
Odor	-----	Sharp aromatic
Flash Point, °F	-----	122
Relative Evaporation Rate	-----	Moderate to slow

Consult your LibreChem representative for specific use instructions and recommended dispensing equipment.

SAFE HANDLING

A Safety Data Sheet containing detailed information regarding the properties and safe handling of **D-SOLV 220** is available on request and should be reviewed prior to using this product.

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