



BestTechnology



BestSolv™
Engineered Fluids





3M Novec™ Replacement Guide

Best Technology is a Nationally Authorized 3M™ Novec™ Distributor and has developed BestSolv™ fluids as direct replacements for Novec™ products.

In December 2022, 3M™ announced the voluntary discontinuation of the Novec™ line by the end of 2025.

3M has stated the last order date will be March 31st, 2025 but manufacturing supply of various fluids have already been restricted resulting in increased lead-times and/or unavailability.

The below table describes direct fluid Novec™ replacements with BestSolv™. Click on fluid name to view product specific webpage.

		 BestSolv™ <i>Engineered Fluids</i>	
Engineered Fluid	Exact Molecule	Similar Molecule	Next-Gen PFAS Free
3M™ Novec™ 7100	BestSolv™ 7100	BestSolv™ Sierra	BestSolv™ Zeta
3M™ Novec™ 7200	BestSolv™ 7200		
3M™ Novec™ 7300	BestSolv™ 7300		
3M™ Novec™ 7500	BestSolv™ 7500		
3M™ Novec™ 71DE	BestSolv™ 71DE	BestSolv™ Delta	BestSolv™ Omega
3M™ Novec™ 71DA	BestSolv™ 71DA	BestSolv™ Theta	BestSolv™ Omega
3M™ Novec™ 71IPA	BestSolv™ 71IPA	BestSolv™ Lima	BestSolv™ Omega
3M™ Novec™ 72DE	BestSolv™ 72DE	BestSolv™ Echo	BestSolv™ Omega
3M™ Novec™ 72DA	BestSolv™ 72DA	BestSolv™ Alpha	BestSolv™ Omega
3M™ Novec™ 73DE	BestSolv™ 73DE	BestSolv™ Bravo	BestSolv™ Omega
3M™ Novec™ 612	BestSolv™ Zulu-MAG		
3M™ Novec™ 649	BestSolv™ Zulu		
3M™ Novec™ 1230	BestSolv™ Zulu-FS		



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Storage and Handling

Based on Pensky-Martens Closed Cup (ASTM D93) or Tag Closed Cup (ASTM D56) methods, BestSolv™ 7100 exhibits no flash point and is not classified as flammable by OSHA or DOT. As with almost all halogenated solvents, flammability limits exist in the presence of a high ignition energy source.

BestSolv™ is best stored inside a clean, dry area and out of direct sunlight or other heat sources. It is thermally stable and will not oxidize or degrade during storage under normal conditions. To prevent leakage or potential rupture of the container due to contraction / expansion and pressure changes, do not store below 32 °F (0 °C) or above 90 °F (32 °C)

Environmental Properties

- SNAP EPA accepted substitute for ozone depleting substances
Not subject to SARA Title III (EPCRA) reporting regulation
- Non hazardous air pollutant (HAP) / Not regulated under NESHAP
- Low global warming potential (GWP)
- Low / zero ozone depletion potential (ODP)

Reference the SDS for details on:

- Individual chemical components
- Disposal
- Transportation
- Regulatory requirements
- Other information

Material Compatibility

BestSolv™ is compatible with most common metals, most alloys and some polymers/elastomers. Compatibility varies by BestSolv™ product, contact us for compatibility testing information.

Initial compatibility testing on non-production parts is recommended. Material compatibility should always be performed via testing with specific contaminants under process-specific cleaning conditions.

Product Use / Warranty

All information contained in this document is based on data believed to be reliable but the accuracy or completeness thereof is not guaranteed and are made without representation or warranty. Many factors can affect the use, performance, time and environmental conditions in a particular application. User is responsible for evaluation to determine whether it is fit for a particular purpose and application and products discussed are sold without warranty, expressed or implied, in law or fact.

We shall not be liable for any injury, loss or damage direct or consequential regardless of the legal theory asserted, including warranty, contract, negligence or strict liability arising out of use or the inability to use the product. If the product is defective within the warranty period, your exclusive remedy and seller's sole obligation will be, at seller's option, to replace the product or refund the purchase price.

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