

DIGITAL

ELECTRONICS

Solvents in cooling agents

Why is the role of solvents essential?

As electronic devices continue to evolve with increased performance demands, effective cooling solutions play a vital role in ensuring their reliable operation and longevity.

The cooling of electronic circuitry is a major challenge in recent times due to the progress in designing faster and smaller components. Different cooling technologies exist to efficiently remove the heat from these components. The use of a liquid coolant has proved more efficient compared to air-cooling thanks to its higher heat transfer coefficient. Aliphatic hydrocarbons solvents are contained in cooling liquids for electronics parts and transformers. They enhance heat transfer and efficiently remove heat from electronic components, ensuring optimal performance and preventing overheating.



SPOT ON

Aliphatic hydrocarbon solvents



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EUROPEAN SOLVENTS INDUSTRY GROUP
Rue Belliard 40, Bte 15, B-1040 Brussels, Belgium
www.esig.org or esig@cefic.be

A sector group of Cefic petrochemicals europe
European Chemical Industry Council - Cefic aisbl
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