

U-CAT 651M catalyst CAS112-99-5 Sanyo Japan

U-CAT 651M is a high performance liquid chromatography (HPLC) grade solvent. It is a clear, colorless liquid with a weak odor. U-CAT 651M has CAS number 112-99-5. U-CAT 651M has the molecular formula C₁₀H₁₆O. The molecular weight of U-CAT 651M is 152.22 g/mol.

How to make it

U-CAT 651M is produced by distillation and purification processes. It is first distilled to remove any impurities. It is then purified using a variety of methods, including chromatography and filtration.

Physical and chemical properties

The following is a list of the physical and chemical properties of U-CAT 651M:

Properties	value
CAS number	112-99-5
Molecular Formula	C ₁₀ H ₁₆ O
Molecular weight	152.22 g/mole

Appearance	Clear colorless liquid
smell	Faint smell
Density	0.803 g/cm ³
Melting point	And 55 °C
Boiling point	150 °C
Refractive Index	1.462 @ 20 °C
Solubility	Miscible with water and organic solvents
Viscosity	0.85 cP @ 20 °C

Use

The U-CAT 651M is used in a variety of applications, including:

High performance liquid chromatography

Gas chromatography

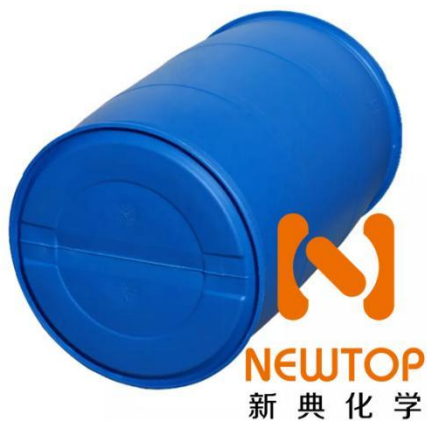
Spectroscopy

Analytical chemistry

Pharmaceutical Research

Food and beverage testing

Environmental analysis



Pros

U-CAT 651M has a number of advantages over other solvents, including:

- High purity
- Low viscosity
- Good solvent strength
- Versatile
- Safe to use

Precautions

U-CAT 651M is a safe solvent to use, but be sure to follow the manufacturer's instructions carefully to avoid any potential hazards. Some precautions to take when using U-CAT 651M include:

- Always wear gloves and safety goggles when handling U-CAT 651M.
- Do not inhale the vapor from U-CAT 651M.
- Keep U-CAT 651M away from heat sources and open flames.
- Properly dispose of U-CAT 651M according to local regulations.

Shelf life:

Remain unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous

membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

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