

Technical Data Sheet

IoLiTherm 72 – Fluorinated Engineered Fluid

Revision Date: 11/22/2023

Date Issued: 12/4/2023

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	IoLiTherm 72 Fluorinated Engineered Fluid
Product code	IoLiTherm 72
CAS	163702-06-5
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
Telephone	+49 (0)7131-89839-0
Fax	+49 (0)7131-89839-109
Email	info@iolitec.de

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Ethyl nonafluoroisobutyl ether
CAS No.	163702-06-5
REACH Registration	Not registered.
Purity	> 99%

3 PHYSICAL PROPERTIES

	IoLiTherm 72	3M™ Novec™ 7200
Color	Colorless	Colorless
Physical state (25°C)	Liquid	Liquid
Boiling point (°C)	76	76

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Pour point (°C)	-138	-138
Liquid density (g/cm³)	1.43	1.43
Vapor pressure (mmHg)	109	109
Surface Tension (dynes/cm)	13.6	13.6
Flammability	Nonflammable	Nonflammable

4 APPLICATION

IoLiTherm 72 is a fluorinated engineered fluid and can be used as replacement for 3M™ Novec™ 7200. The non-flammable fluid with its low surface tension and low viscosity can be used in vapor degreasing and cold cleaning applications.

Areas of application: Cleaning & rinsing agent; Heat transfer fluid; Specialty solvents, dispersion media, reaction media; CFC replacement; Spray contact cleaner, Light-duty cleaning.

It shows comparable/similar properties as 3M™ Novec™ 7200 and is 100% miscible with it.

Environmental, health and safety information are provided in the Safety Data Sheet.

5 ORDER INFORMATION

Package sizes: **1 kg, 2.5 kg, 5 kg, Bulk-Quantities** (plastic canister)

We also provide the possibility of purchasing test samples (up to 5 kg) prior ordering MOQ.

Price information are available upon request.

Please send your order via email to mmm@iolitec.de or fax +49 (0)7131 – 89839109.

6 OTHER INFORMATION

DISCLAIMER

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