

RUI PFPE OIL RJ-C02

Description

INCI Name: Polyperfluoromethylisopropyl ether

Other Chemical name : Perfluoropolyether(PFPE), Perfluorinated polyether

CAS No.: 69991-67-9

Perfluoropolyethers, obtained by oxidative photopolymerization of hexafluoropropene, are odorless, colorless, transparent liquid polymers. They are hydrophobic, lipophobic, vapor permeable, insoluble in organic solvents, chemically and biologically inert, non-flammable.

Technical Index

Properties	Typical value	Units
Average molecular weight	3300	a.m.u
Viscosity @20°C	250	cSt
Density @20°C	1.91	g/cm ³
Pour point	-35	°C
Surface tension @20°C	22	dyne/cm
Evaporation weight lost (24h/121°C)	<3	%
Refractive Index	1.293	n ²⁰ D

Application

RJ-C02 can be used as highly lubricious smooth emollient, moisture barrier, skin conditioner, binder and anticracking agent, plasticizer, lubricant, slow release agent, skin protectant.

Skin Care

- Barrier creams that protect against irritant agents and pollution
- Long-lasting products with special active ingredients
- High-end anti-aging formulations and face treatments

Color Cosmetics

- Non-transferable lipsticks and lip top coats
- Long-lasting compact powders and fluid foundations

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Packing and Storage

- Available in 1kg plastic drums, 5kg, 40kg plastic drums.
- Transport as non-hazardous chemicals, keeping away from rain and sunlight under room temperature.
- Shelf life: 3 years.

Notice: Above-mentioned technology is based on the situation that we master. For actual application, please refer to your actual requirement.