



Nanodiamond Fluids, 3% (Dimethyl sulfoxide colloid)

Cat. No. NDN-230

Lot. No. (See product label)

Product Name	Nanodiamond Fluids, 3% (Dimethyl sulfoxide colloid)
Common Name	Nanodiamond; Detonation nanodiamond; ND; DND
Synonyms	Nanodiamond; Detonation nanodiamond; ND; DND
Description	Nanodiamonds are diamonds with a size below 1 micrometre. They can be produced by impact events such as an explosion or meteoritic impacts. Because of their large-scale synthesis, potential for surface functionalization, and high biocompatibility, nanodiamonds are widely investigated as a potential material in biological and electronic applications and quantum engineering.
Morphology & Appearance	Liquid
Size	4.0-4.5 nm
Purity	>99%
CAS Number	7782-40-3
Source	Synthesis
Storage	Store at room temperature.
Storage Buffer	Dimethyl sulfoxide
Concentration	0.03
Application	For cosmetics, biomed R&D, CVD diamond growth, fuel cells

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Address: SUITE 210, 17 Ramsey Road, Shirley, NY 11967

Email: info@matexcel.com Tel: 1-631-869-4956 Fax: 1-631-910-2166