



## Nanodiamond Fluids, 7% (dimethylformamide colloid)

Cat. No. NDN-241

Lot. No. (See product label)

<b>Product Name</b>	Nanodiamond Fluids, 7% (dimethylformamide colloid)
<b>Common Name</b>	Nanodiamond; Detonation nanodiamond; ND; DND
<b>Synonyms</b>	Nanodiamond; Detonation nanodiamond; ND; DND
<b>Description</b>	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.
<b>Morphology &amp; Appearance</b>	Liquid
<b>Size</b>	3.5-6.0 nm
<b>Purity</b>	>99%
<b>CAS Number</b>	7782-40-3
<b>Source</b>	Synthesis
<b>Storage</b>	Store at room temperature.
<b>Storage Buffer</b>	Dimethylformamide
<b>Concentration</b>	0.07
<b>Application</b>	For acrylic fibers, plastics, synthetic leathers, glues

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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