

Material Safety Data Sheet

ProDisk "DisClean"™ Optical Disk Cleaning Fluid

Manufacturer: nanoFILM Ltd.
10111 Sweet Valley Drive
Valley View, OH 44125-4250 USA

Marketer: ProDisk, Inc.
5637 Memorial Ave. No.
Stillwater, MN 55082 USA
651-439-6202

Section I. Product Identification

Name: DisClean Optical Disk Cleaner Fluid nf-6000
Type: Lens and Disk Cleaner High Tech Formula
Chemical Name: Water based multi-component formula

Section II Hazardous Ingredients

Isopropanol: Less than 10% CAS No. 0000-67-63-0
OSHA 400 ppm
NISOH 400 ppm
ACGIH – 400 ppm
IDLH – 2000
STEL – 500 ppm
CANADA – 400 ppm

Other chemicals are clean (ionized) water (H₂O) and a surfactant for the purpose of even fluid distribution. This concentration is considered by nanoFILM and ProDisk to be Trade Secrets according to the provision of 1912.1200 of Title 29 of CFR. These ingredients are not hazardous materials.

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Section III Physical Data

Boiling Point: 212 deg. F.
Melting Point: N/A
Specific Gravity: .95
Appearance: Light blue translucent fluid
Percent Volatile
 @ 70 deg. F. Less than 1%
pH 7
Solubility in Water: Completely soluble

Evaporation Rate: (BuAc=1): N/A

Section IV Fire and Explosion Standards

Flash Point Deg. F. 112 deg. F. TCC
Upper Flammable Limit
 % by Volume N/A
Lower Flammable Limit
 % by Volume N/A
Extinguishing Media: Co2, H2O, dry chemicals, foam
Special Fire Fighting
 Procedure: Self contained breathing apparatus and
 Protective clothing

Hazardous Combustion
 Products: None
Unusual Fire and
 Explosion Hazards: None

Section V Reactivity Data

Stability: Stable
Conditions to Avoid: Extreme heat and open flame
Incompatibility: None
Hazards Decomposition
 Products: Carbon Monoxide (CO)
Hazardous Polymerization: Will not occur

Section VI Health Hazard Data

Route of Entry: Oral, skin, eye
Effects of Exposure: May irritate eyes, skin, and throat. Prolonged contact with product may aggravate pre-existing dermatitis. Eye contact may cause irritation or redness in the eye. Ingestion may produce stomach cramps or diarrhea.

Effects of Chronic
Exposure to Product: Not Known
Toxicity Information: Not Available

Section VII Emergency and First Aid Procedure

Inhalation: Drink one glass of cold water, move to fresh air
Eye Contact: Wash eyes with cold water
Skin Contact: Wash skin with cold water
Ingestion: Drink 1-2 glasses of cold water. If discomfort is prolonged, consult physician.

Section VIII Spill or Leak Procedures

Steps to be Taken: If the product is spilled or leaked, absorb it with absorbent material and flush residue with cold water. Small spill or leak may be wiped with paper towel or cloth only. Provide adequate ventilation.

Section IX Storage and Handling Procedures

Storage: Store at room temperature, away from open flame.

Section X Regulatory and Environmental Information

NanoFILM: We certify that all components of this product are listed in the TSCA inventory.

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Section XI SARA Title III DATA

Sec. 313 Toxic

Chemical Notification:

The proprietary material contains the following toxic chemicals subject to the reporting requirements of Sec. 313 of Title III of the Superfund Amendments and And Reauthorization Act of 1986 and 40 CFR part 372:

*Mark L. Anderson,
ProDisk Inc. 9.01.99*

NOTICE: ProDisk, Inc., is the exclusive marketer of the aforementioned product for the purpose of cleaning laser based optical disks. ProDisk, Inc., has contributed to the development for use thereof and is protected by its copyrights and U.S. Patent(s) relevant to optical disk cleaner systems.

Marketer: ProDisk, Inc.
Signature: Mark L. Anderson
Title: President

Effective Date: Sept. 01, 1999
