

1. Product and Company Identification

Material name	nCounter Prep Plate or Life Science Reagent Plate
Revision date	03-30-2012
Version #	01
CAS #	Mixture
Product code	NAA-PPLT
Product use	Industrial use.
Manufacturer/Supplier	NanoString Technologies 530 Fairview Avenue North Suite 2000 Seattle, WA 98109 safetycommittee@nanosting.com Contact Person: Safety Committee
Telephone number	206-378-6266
Emergency	Emergency telephone 206-378-6266

2. Hazards Identification

Physical state	Liquid.
Appearance	Clear liquid.
Emergency overview	Low hazard for usual industrial or commercial handling by trained personnel.
OSHA regulatory status	This product is not hazardous according to OSHA 29CFR 1910.1200.
Potential health effects	
Eyes	Direct contact with eyes may cause temporary irritation.
Skin	Prolonged contact may cause dryness of the skin.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion	No harmful effects expected in amounts likely to be ingested by accident.
Potential environmental effects	The product is not expected to be hazardous to the environment.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures	
Eye contact	Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention promptly if symptoms occur after washing.
Skin contact	Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
Inhalation	Move to fresh air. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth. Get medical attention if any discomfort continues.
Notes to physician	Treat symptomatically.

5. Fire Fighting Measures

Flammable properties	No unusual fire or explosion hazards noted.
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Fire fighting equipment/instructions	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Hazardous combustion products	Carbon oxides.

6. Accidental Release Measures

Personal precautions	Use Personal Protective Equipment recommended in Section 8 of the MSDS.
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Environmental precautions No specific precautions.
Methods for cleaning up Wipe up with absorbent material (e.g. cloth, fleece).

7. Handling and Storage

Handling Use personal protective equipment as required. Observe good industrial hygiene practices.
Storage Keep in original container.

8. Exposure Controls / Personal Protection

Occupational exposure limits No exposure limits noted for ingredient(s).
Engineering controls Ensure adequate ventilation, especially in confined areas.
Personal protective equipment
Eye / face protection Risk of contact: Wear safety glasses with side shields (or goggles).
Skin protection Wear protective gloves. Lab coat.
Respiratory protection Not normally needed.
General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical & Chemical Properties

Appearance Clear liquid.
Color Colorless.
Odor None.
Odor threshold Not available.
Physical state Liquid.
Form Liquid.
pH Not available.
Melting point Not available.
Freezing point Not available.
Boiling point Not available.
Flash point Not available.
Evaporation rate Not available.
Flammability limits in air, upper, % by volume Not applicable.
Flammability limits in air, lower, % by volume Not applicable.
Vapor pressure Not available.
Vapor density Not available.
Specific gravity Not available.
Solubility (water) Soluble in water.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.

10. Chemical Stability & Reactivity Information

Chemical stability Material is stable under normal conditions.
Conditions to avoid None known.
Incompatible materials Strong oxidizing agents.
Hazardous decomposition products No hazardous decomposition products are known.
Possibility of hazardous reactions Hazardous polymerization does not occur.

11. Toxicological Information

Acute effects	Low hazard for usual industrial or commercial handling by trained personnel.
Local effects	Prolonged contact may cause dryness of the skin.
Sensitization	None known.
Chronic effects	None known.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Mutagenicity	None known.
Reproductive effects	None known.

12. Ecological Information

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	No data available.
Bioaccumulation / Accumulation	No data available.
Partition coefficient (n-octanol/water)	Not available.
Mobility in environmental media	The product is miscible with water. May spread in water systems.

13. Disposal Considerations

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
TDG	Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)

Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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Section 302 extremely hazardous substance (40 CFR 355, Appendix A)	No
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Section 311/312 (40 CFR 370)	No
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Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) Not controlled

WHMIS status Non-controlled

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 0
Flammability: 0
Physical hazard: 0

NFPA ratings
Health: 0
Flammability: 0
Instability: 0

Disclaimer This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

Issue date 03-30-2012