

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name

- **nCounter Cartridges**
- nCounter Sample Cartridge, Item #800002, CAT# NCC, NAA-CART-048, ELE-CART-048. nCounter Sprint Cartridge, Item #100078, CAT# SPRINT-CAR-1.0.

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified use(s)
- Industrial use.

1.3 Details of the supplier of the safety data sheet

Manufacturer

- NanoString Technologies
530 Fairview Avenue North
Seattle, WA 98109
United States
www.nanostring.com
safetycommittee@nanostring.com

Telephone (General) • 206.378.NANO (6266)

1.4 Emergency telephone number

- Manufacturer
- 206.378.NANO (6266)

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 2015/830]

2.1 Classification of the substance or mixture

- CLP
- Not classified

2.2 Label Elements

CLP

- Hazard statements
- No label element(s) required

2.3 Other Hazards

- CLP
- This material is exempt from CLP/REACH obligations as an article as specified in REACH (1907/2006) and related ECHA guidance.

UN GHS Revision 4

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS): Fourth Revised Edition

2.1 Classification of the substance or mixture

- UN GHS
- Not classified

2.2 Label elements

UN GHS

- Hazard statements** • No label element(s) required

Precautionary statements

2.3 Other hazards

UN GHS

- Under United Nations Globally Harmonized System for the Classification and Labeling of Hazardous Chemicals (GHS) this product is exempt from regulation as a manufactured article
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United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

- OSHA HCS 2012
- Not classified

2.2 Label elements

OSHA HCS 2012

- Hazard statements** • No label element(s) required

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200(c) - Hazard Communication Standard), the product(s) listed above are exempt as article(s) under stated normal conditions of use.
-

Canada

According to: WHMIS 2015

2.1 Classification of the substance or mixture

- WHMIS 2015
- Not classified

2.2 Label elements

WHMIS 2015

- Hazard statements** • No label element(s) required

Precautionary statements

2.3 Other hazards

WHMIS 2015

- Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.
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2.4 Other information

- As an article this material does not legally require an SDS

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance.

3.2 Mixtures

Composition		
Chemical Name	Identifiers	%
Plexiglas® G cell-cast acrylic sheet and/or molded Zeonor 1060R	NDA	0% TO 100%
NEXTERION® Coverslip HS High Performance Nanostring	NDA	0% TO 100%
Double-coated adhesive tape	NDA	0% TO 100%

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation**
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin**
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes.
- Eye**
- If contact with material occurs flush eyes with water.
- Ingestion**
- No data available

4.2 Most important symptoms and effects, both acute and delayed

- Under normal conditions of use, no health effects are expected.

4.3 Indication of any immediate medical attention and special treatment needed

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media**
- In case of fire use media as appropriate for surrounding fire.

- Unsuitable Extinguishing Media**
- No data available

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- No data available

- Hazardous Combustion Products**
- No data available

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

- Emergency Procedures**
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- Carefully shovel or sweep up spilled material and place in suitable container.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

- Handling**
- Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

- Storage**
- Store in a cool, dry place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

- Exposure Limits/Guidelines**
- No applicable exposure limits available for product or components.

8.2 Exposure controls

- Engineering Measures/Controls**
- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

- Respiratory**
- In case of insufficient ventilation, wear suitable respiratory equipment.

- Eye/Face**
- Wear safety glasses.

- Skin/Body**
- Wear appropriate gloves.

- Environmental Exposure Controls**
- Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Solid
Color	Data lacking	Odor	Data lacking
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	Data lacking	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking

Evaporation Rate	Data lacking		
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- No data available

10.5 Incompatible materials

- No data available

10.6 Hazardous decomposition products

- No data available

Section 11 - Toxicological Information

11.1 Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
Skin corrosion/Irritation	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
Serious eye damage/Irritation	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
Skin sensitization	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant

	WHMIS 2015 • Not relevant
Respiratory sensitization	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
Aspiration Hazard	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
Carcinogenicity	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
Germ Cell Mutagenicity	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
Toxicity for Reproduction	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
STOT-SE	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant
STOT-RE	EU/CLP • Not relevant UN GHS 4 • Not relevant OSHA HCS 2012 • Not relevant WHMIS 2015 • Not relevant

Potential Health Effects

Inhalation

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available

Skin

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available

Eye

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available

Ingestion

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
TDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

14.6 Special precautions for user

- None specified.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- No data available

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

Canada

Labor

Canada - List of Prohibited and Restricted Cosmetic Ingredients (The Cosmetic Ingredient Hotlist)

Not Listed

Canada - WHMIS 1988 - Classifications of Substances

Not Listed

Canada - WHMIS 1988 - Ingredient Disclosure List

Not Listed

Environment

Canada - CEPA - Priority Substances List

Not Listed

Canada - CEPA - Schedule I - List of Toxic Substances

Not Listed

Canada - CEPA - Schedule III Part 1 - Export Control List - Prohibited Substances

Not Listed

Canada - CEPA - Schedule III Part 2 - Export Control List - Substances Subject to Notification or Consent

Not Listed

Canada - CEPA - Schedule III Part 3 - Export Control List - Restricted Substances

Not Listed

Canada - Council of Ministers of the Environment - Water Quality Guidelines for Agricultural Irrigation

Not Listed

Canada - Council of Ministers of the Environment - Water Quality Guidelines for Agricultural Livestock Uses

Not Listed

Canada - Council of Ministers of the Environment - Water Quality Guidelines for Freshwater Aquatic Life

Not Listed

Canada - Council of Ministers of the Environment - Water Quality Guidelines for Marine Aquatic Life

Not Listed

Canada - DWQ (Drinking Water Quality) - AOs and OGs

Not Listed

Canada - DWQ (Drinking Water Quality) - MACs

Not Listed

Canada - DWQ (Drinking Water Quality) - Parameters without Guidelines

Not Listed

Canada - DWQ (Drinking Water Quality) - Radionuclide Maximum Acceptable Concentration

Not Listed

Canada - Environmental Emergencies

Not Listed

Canada - Federal Halocarbon Regulations

Not Listed

Canada - Ozone Depleting Substances - Schedule 2

Not Listed

Canada - Ozone Depleting Substances - Schedule 3

Not Listed

Canada - Ozone Depleting Substances - Schedule 4

Not Listed

Other

Canada - Controlled Drugs and Substances - Class 1 Targeted Substances

Not Listed

Canada - Controlled Drugs and Substances - Class 2 Targeted Substances

Not Listed

Canada - Controlled Drugs and Substances - Class A Precursors

Not Listed

Canada - Controlled Drugs and Substances - Class B Precursors

Not Listed

Canada - Controlled Drugs and Substances - Exempt Precursors

Not Listed

Canada - Controlled Drugs and Substances - Schedule I

Not Listed

Canada - Controlled Drugs and Substances - Schedule II

Not Listed

Canada - Controlled Drugs and Substances - Schedule III

Not Listed

Canada - Controlled Drugs and Substances - Schedule IV

Not Listed

Canada - Controlled Drugs and Substances - Schedule V

Not Listed

Canada - Controlled Drugs and Substances - Schedule VII

Not Listed

Canada - Controlled Drugs and Substances - Schedule VIII

Not Listed

Europe

Environment

EU - Air Pollution (2001/379/EC) - Heavy Metal Pollutants

Not Listed

EU - Substances Depleting the Ozone layer (1005/2009) - Annex I Substances

Not Listed

EU - Plant Protection Products (1107/2009/EC) - Active Substances

Not Listed

EU - Industrial Emissions (2010/75/EU) - Integrated Pollution Prevention and Control Directive - List of Polluting Substances

Not Listed

EU - Seveso III Directive (2012/18/EU) - Qualifying Quantities of Dangerous Substances - Lower-Tier Requirements

Not Listed

EU - Seveso III Directive (2012/18/EU) - Qualifying Quantities of Dangerous Substances - Higher-Tier Requirements

Not Listed

Other

Council of Europe - Flavouring Substances - Category of Flavouring Substances

Not Listed

Council of Europe - Flavouring Substances - Proposed Practical Upper Levels for Beverages

Not Listed

Council of Europe - Flavouring Substances - Proposed Practical Upper Levels for Foods

Not Listed

Council of Europe - Flavouring Substances - Proposed Practical Upper Levels for Other Food

Not Listed

EU - Food Additives (1333/2008/EC) - Annex I - Functional Classes of Food Additives

Not Listed

EU - Food Additives (1333/2008/EC) - Annex II - Approved Colours

Not Listed

EU - Colours in Foodstuffs (Directive 95/45/EC) - Specific Purity Criteria for Colours as Food Additives

Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

Not Listed

EU - Endocrine Disrupters (COM (2001)262) - Candidate List of Substances

Not Listed

EU - Endocrine Disrupters (COM (2001)262) - List of Evaluated Substances and their Exposure Concern

Not Listed

EU - Export and Import Restrictions (649/2012) - Chemicals and Articles Subject to Export Ban

Not Listed

EU - Export and Import Restrictions (649/2012) - Chemicals Qualifying for PIC Notification

Not Listed

EU - Export and Import Restrictions (649/2012) - Chemicals Subject to the PIC Procedure under the Rotterdam Convention

Not Listed

EU - Export and Import Restrictions (649/2012) - Chemicals Subject to Export Notification Procedure

Not Listed

EU - Food Additives (1333/2008/EC) - Annex III - Carriers in Food Additives

Not Listed

EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU) (RoHS)

Not Listed

EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Other Ingredients

Not Listed

EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Perfume and Aromatic Materials

Not Listed

EU - Marketing and Use Directive (76/769/EEC) - Reproductive Category 1

Not Listed

EU - Narcotics (273/2004) - Drug Precursors - Annex I - Scheduled Substances

Not Listed

EU - Narcotics (273/2004) - Drug Precursors - Annex II - Threshold Quantities

Not Listed

EU - No-Longer Polymers List (67/548/EEC)

Not Listed

EU - Water Framework Directive (2000/60/EC) - List of Priority Substances - Annex X

Not Listed

EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation

Not Listed

Mexico**Environment****Mexico - Ecological Criteria for Water Quality - Agricultural Irrigation**

Not Listed

Mexico - Ecological Criteria for Water Quality - Drinking Water Supply Source

Not Listed

Mexico - Ecological Criteria for Water Quality - Protection of Fresh Water Aquatic Life

Not Listed

Mexico - Ecological Criteria for Water Quality - Protection of Marine Water Aquatic Life

Not Listed

Mexico - Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities

Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Coastal Waters

Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Natural and Artificial Dams

Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Rivers

Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Soil

Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Wetlands

Not Listed

United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

Not Listed

Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

Not Listed

15.2 Chemical Safety Assessment

- Chemical Safety Assessment is not required.

Section 16 - Other Information

Revision Date

- 16/June/2017

Preparation Date

- 06/June/2017

Disclaimer/Statement of Liability

- The information herein is given in good faith but no warranty, expressed or implied, is made.

Key to abbreviations

NDA = No Data Available