

SAFETY DATA SHEET



NxTAG[®] Respiratory Pathogen Panel

Section 1. Identification

Product identifier	: NxTAG [®] Respiratory Pathogen Panel
Product code	:
Component name	: Component 1 MS2 Component 2 NxTAG [®] Respiratory Pathogen Panel Plate
Product type	: Component 1 Liquid. Component 2 Solid.
Identified uses	: For Professional use only. Use as per Product Insert.
Supplier's details	: Luminex Molecular Diagnostics, Inc. 439 University Avenue Toronto, Ontario Canada M5G 1Y8 Tel: 1-512-381-4397 Toll free: 1-877-785-2323 (US and Canada) Fax: 1-512-219-5114
e-mail address of person responsible for this SDS	: Support@Luminexcorp.com
Emergency telephone number (with hours of operation)	: 1-512-381-4397 24/7

Section 2. Hazards identification

Classification of the substance or mixture	: Component 1 Not classified. Component 2 Not classified.
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GHS label elements for the kit

Signal word	: No signal word.
Hazard statements	: No known significant effects or critical hazards.

Precautionary statements

Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.
Disposal	: Not applicable.

GHS label elements by compartment

Hazard statements	: Component 1 No known significant effects or critical hazards. Component 2 No known significant effects or critical hazards.
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Precautionary statements

Prevention	: Component 1 Not applicable. Component 2 Not applicable.
Response	: Component 1 Not applicable. Component 2 Not applicable.



Section 2. Hazards identification

Storage	: Component 1	Not applicable.
	Component 2	Not applicable.
Disposal	: Component 1	Not applicable.
	Component 2	Not applicable.

Other hazards which do not result in classification : None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of identification	: Not available.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Not applicable.
Inhalation	: Not applicable.
Skin contact	: Not applicable.
Ingestion	: Not applicable.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.
Inhalation	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.
Skin contact	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.
Ingestion	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: None identified.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No special measures required.

See toxicological information (Section 11)



Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : No special requirements.

Methods and material for containment and cleaning up

Spill : Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store at 2°C to 8°C.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Appropriate engineering controls : No special ventilation requirements.

Environmental exposure controls : No special measures required.

Individual protection measures

Hygiene measures : Follow good industrial hygiene practice.

Eye/face protection : Not required under normal conditions of use.

Skin protection

Hand protection : Not required under normal conditions of use.

Body protection : Not required under normal conditions of use.

Other skin protection : Not required under normal conditions of use.

Respiratory protection : Not required under normal conditions of use.

Section 9. Physical and chemical properties

Appearance

Physical state	: Component 1	Liquid. [Clear.]
	Component 2	Solid. [2 lyophilized beads.]
Colour	: Component 1	Colourless.
	Component 2	One white bead and one pink bead.
Odour	: Component 1	Odourless.
	Component 2	Odourless.
Odour threshold	: Not available.	
pH	: Component 1	Not available.
	Component 2	Not available.
Melting point	: Not available.	
Boiling point	: Not available.	
Flash point	: Component 1	Not available.
	Component 2	Not available.
Evaporation rate	: Component 1	Not available.
	Component 2	Not available.
Flammability (solid, gas)	: Not available.	
Lower and upper explosive (flammable) limits	: Not available.	
Vapour pressure	: Not available.	
Vapour density	: Not available.	
Relative density	: Component 1	Not available.
	Component 2	Not available.
Solubility	: Not available.	
Solubility in water	: Not available.	
Partition coefficient: n-octanol/water	: Not available.	
Auto-ignition temperature	: Not available.	



Section 9. Physical and chemical properties

Decomposition temperature : Not available.

Viscosity : Not available.

Flow time (ISO 2431) : Not available.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : Reactive or incompatible with the following materials: oxidising materials.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SADT : Not available.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

There is no data available.

Irritation/Corrosion

There is no data available.

Sensitisation

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

There is no data available.

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on likely routes of exposure : Dermal contact. Eye contact. Inhalation. Ingestion.



Section 11. Toxicological information

Potential acute health effects

Eye contact	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.
Inhalation	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.
Skin contact	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.
Ingestion	: Component 1	No known significant effects or critical hazards.
	Component 2	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.

Long term exposure

Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.

Potential chronic health effects

General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

Section 12. Ecological information

Toxicity

There is no data available.

Persistence/degradability

There is no data available.

Bioaccumulative potential



Section 12. Ecological information

There is no data available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised wherever possible. No specific disposal consideration.

Section 14. Transport information

	UN	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

Singapore - hazardous chemicals under government control

None.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
Not classified.	

History

Date of issue : 2019/02/15
Date of previous issue : Not applicable.
Version : 1
Prepared by : KMK Regulatory Services Inc.



Section 16. Other information

Key to abbreviations

- : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonised System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

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