MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: **25X NDV CONTROL RNA**
PRODUCT PART NUMBER: **F1023G**

KIT NAME: **25X NDV CONTROL RNA**
KIT PART NUMBER: **F1023G**

SYNONYMS: 1023G

SUPPLIER: AMBION, INC
2130 WOODWARD ST.
AUSTIN, TX, 78744
USA
www.ambion.com

IN CASE OF EMERGENCY, CALL CHEMTREC:
(NORTH AMERICA); 1-800-424-9300

PRODUCT USE DESCRIPTION: FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

2. HAZARDS IDENTIFICATION

Potential health effects
Inhalation :
Not expected.

Skin :
Not expected.

Eyes :
Not expected.
Ingestion :
Not expected.

Physical and chemical hazards :
No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to 29 CFR 1910.1200 (OSHA Hazard Communication Standard).

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Version 1.0

4. FIRST AID MEASURES

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical attention if necessary.

Inhalation: Move to fresh air.
Seek medical attention if necessary.

Skin contact: Wash off with plenty of water.
Seek medical attention if necessary.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.
Rinse mouth with water.
Never give anything by mouth to an unconscious person.
Seek medical attention if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Water
Foam
Dry chemical
Carbon dioxide (CO_2)
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous decomposition products Carbon oxides

Special protective equipment for fire-fighters Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.
Avoid contact with skin, eyes and clothing.

Environmental precautions

Try to prevent the material from entering drains or water courses.

Methods for cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment.

Storage conditions

See product label for specific storage requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit(s)

We are not aware of any national exposure limit.

Eye protection	Safety glasses with side-shields
Hand protection	Impervious gloves should be worn to prevent skin contact and absorption.
Respiratory protection	Provide adequate ventilation.
Skin protection	Lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Colour	Not available
Odour	Not available
Odour threshold	Not available
pH	6.4
Boiling point	Not available
Melting point	Not available
Vapour pressure	Not available
Water solubility	Not available
Flash point	Not available
Explosion limits	Not available
Density	Not available
Percent volatile	Not available
Volatile organic compounds (VOC) content	Not available

10. STABILITY AND REACTIVITY

Hazardous decomposition products	Carbon oxides

11. TOXICOLOGICAL INFORMATION

No data available

12. ECOLOGICAL INFORMATION

We have no quantitative data concerning the ecological effects of this product.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Environmental precautions Try to prevent the material from entering drains or water courses.

Disposal methods Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

DOT: ROAD TRANSPORT
Non-hazardous for transport

IATA-DGR

AIR TRANSPORT: IATA CARGO
Non-hazardous for transport

AIR TRANSPORT: IATA PASSENGER
Non-hazardous for transport

IMDG
Non-hazardous for transport

15. REGULATORY INFORMATION

US Regulations

40 CFR § 302.4 Designation of hazardous substances (SARA 302).
Non-hazardous substance

40 CFR § 355 Appendices A and B - The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (SARA304).
Non-hazardous substance

40 CFR § 372.65 Toxic Chemical Release Reporting (SARA 313).
Non-hazardous substance

State Regulations

U.S.- New Jersey - Worker and Community Right to Know Act (N.J.S.A. 34:5A-1)
No components regulated under the New Jersey Worker and Community Right-to-Know Act.

U.S.- Massachusetts - General Law Chapter 111F (MGL c 111F) - Hazardous Substances Disclosure by Employers (a.k.a. Right to Know Law)
No components regulated under the Massachusetts Hazardous Substances Disclosure by Employers Law.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances
No components found on the California Director's List of Hazardous Substances.

U.S. - California - 8 CCR Section 5200-5220 - Specifically Regulated Carcinogens
No components found on the California Specifically Regulated Carcinogens List.

U.S. - California - 8 CCR Section 5203 Carcinogens
No components found on the California Section 5203 Carcinogens List.

U.S. - California - 8 CCR Section 5209 Carcinogens
No components found on the California Section 5209 Carcinogens List.

California Prop. 65
Not Regulated

National Inventory Status - United States of America

TOXIC SUBSTANCES CONTROL ACT (TSCA)
All the components of this substance are listed on or are exempt from the inventory. For purposes of 40 CFR 720.36 , this product is for Research and Development (R&D) Use Only

TOXIC SUBSTANCES CONTROL ACT, SECTION 12(B) EXPORT NOTIFICATION 40CFR 707, SUBPART D
Not Required.

16. OTHER INFORMATION

Disclaimer: This MSDS has been prepared using information from sources considered technically reliable. It should not be relied upon as a product specification. The company makes no warranty of any kind, expressed or implied, concerning the safe use of this material in your process or in combination with other chemical substances. Every user of the product is responsible for evaluating its own processes and conditions of use and selecting appropriate protective measures for employee exposure.

Legend

ACGIH	American Conference of Governmental Industrial Hygenists
OSHA	Occupational Safety and Health Act
PEL	Permissable exposure limit
STEL	Short term exposure limit
TLV	Threshold limit value
TWA	Time weighted average

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