

VD2021003, NA24385 Control DNA (15055325)

Issuing Date 24-Feb-2021

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Revision A

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product identifier****Product Name** NA24385, Positive Amplification Control DNA (10 ng/μL), 24 μL**Other means of identification****Product Codes(s)** 15055325**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Reagent**Details of the supplier of the safety data sheet****Manufacturer Address**
Verogen, Inc.
11111 Flintkote Avenue
San Diego, CA 92121 USA
www.verogen.com**Company Phone Number**
+1-858-285-4101
+1-833-837-6436 toll free (North America)
+44-(0)-208-054-8706 (UK)
(858)-381-5209 (fax)**E-mail address**
techsupport@verogen.com**2. HAZARDS IDENTIFICATION****GHS Classification****OSHA Regulatory Status**

No information available

Label elements**Emergency Overview****Signal word: NA****Hazard statements**

The Product contains no substances which at their given concentrations are considered to be hazardous to health

Appearance No information available**Physical state** No information available**Odor** No information available

Label Precautionary Statements – Prevention

May be irritating to eyes, respiratory system and skin. The toxicological properties of this chemical have not been thoroughly investigated.

Precautionary Statements – Storage

No information available

Precautionary Statements - Disposal

No information available

Hazards not otherwise classified (HNOC)

No information available

Other Information

Unknown acute toxicity

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no ingredients at concentrations to be considered hazardous as defined by OSHA 29 CFR 1910.1200 however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's chemical hygiene plan.

4. FIRST AID MEASURES**Description of first aid measures**

General Advice	No information available
Eye Contact	Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.
Skin Contact	Immediately wash skin with copious amount of water followed by washing with soap and copious amounts of water. Remove all contaminated clothing.
Inhalation	If person is conscious seek emergency medical attention. If person is conscious remove to fresh air and call a physician.
Ingestion	If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with copious amounts of water and call a physician. Do not induce vomiting unless directed to do so by a physician.
Self-protection of the first aider	No information available

Most important symptoms and effects, both acute and delayed

Symptoms	No information available
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically and supportively.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Substance is non-combustible, use most readily available extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available

Specific hazards arising from the chemical

No information available

Hazardous combustion products

No information available

Explosion data

Sensitivity to Mechanical Impact No information available

Sensitivity to Static Discharge No information available

Protective equipment and precautions for firefighters

No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required including Splash Goggles, Chemical Resistant Gloves and appropriate clothing to prevent skin exposure. In addition, a Respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

For emergency responders No information available.

Environmental precautions

Environmental precautions No information available.

Methods and material for containment and cleaning up

Methods for containment No information available.

Methods for cleaning up No information available.

Prevention of secondary hazards No information available.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes and skin and clothing and follow good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in properly labeled containers. If frozen Suspension Store intact at – 70 °C. If the item is

	Freeze Dried store at – 20 °C
Incompatible materials	No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits	No exposure limits for this material have been established by AGIH, NIOSH, or OSHA. There are no Vacated OSHA PEL for this material.
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Appropriate engineering controls

Engineering Controls	No information available.
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Individual protection measures, such as personal protective equipment

Personal Protective Equipment	Including Safety glasses or goggles, gloves, and appropriate clothing to prevent skin exposure.
Skin and body protection	No information available.
Respiratory protection	No information available.
General Hygiene Considerations	When using, do not eat, drink or smoke and handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Ambient or frozen suspension
Appearance	Clear liquid vials or frozen plates
Odor	No information available.
Color	No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air	No data available	
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Specific gravity	No data available	
Water solubility	No data available	
Solubility in other solvents	No data available	
Partition coefficient	No data available	

Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Other Information

Softening point	No data available
Molecular weight	No data available
VOC content (%)	No data available
Liquid density	No data available
Bulk density	No data available

10. STABILITY AND REACTIVITY**Reactivity**

No information available.

Chemical stability

Stable.

Possibility of Hazardous Reactions

No information available.

Hazardous polymerization

Will not occur.

Conditions to avoid

No information available.

Incompatible materials

No information available.

Hazardous decomposition products

Will not occur.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information No information was found in relation to: RTECA, LD50/LC50, Carcinogenicity, Epidemiology, Teratogenicity, Reproductive effects, Mutagenicity, or Neurotoxicology. Note: the toxicological properties of this substance have not been fully investigated.

Inhalation	No information available.
Eye Contact	No information available.
Skin Contact	No information available.
Ingestion	No information available.

Information on toxicological effects

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Irritation	No information available.
Corrosivity	No information available.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	No information available.
Target organ effects	No information available.
Target organ effects	No information available.
Aspiration hazard	No information available.
Other adverse effects	No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity	No information available.
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12. ECOLOGICAL INFORMATION

The environmental impact of this product has not been fully investigated.

Persistence and degradability

No data available.

Bioaccumulation

No data available.

Mobility

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed or otherwise comes into contact with a hazardous waste. If chemical additions are made to this material, or if the material is processed or otherwise altered, consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
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Contaminated packaging No information available.

14. TRANSPORT INFORMATION

DOT	Not a DOT controlled material (United States).
TDG	No information available.
MEX	No information available.
ICAO (air)	No information available.
IATA	Shipped as a Biological Substance B, UN3373.
IMDF	No information available.
RID	Not a dangerous good in sense of this transport regulation.
ADR	Not a dangerous good in sense of this transport regulation.
AND	Not a dangerous good in sense of this transport regulation.

15. REGULATORY INFORMATION

International Inventories

TSCA	No information available.
DSL/NDL	No information available.
EINECS/ELINCS	No information available.
ENCS	No information available.
IECSC	No information available.
KECL	No information available.
PICCS	No information available.
AICS	No information available.
INSQ	No information available.

Legend

TSCA—United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL—Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS—European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS—Japan Existing and New Chemical Substances

IECSC—China Inventory of Existing Chemical Substances

KECL—Korean Existing and Evaluated Chemical Substances

PICCS—Philippines Inventory of Chemicals and Chemical Substances

AICS—Australian Inventory of Chemical Substances

INSQ—Mexican National Inventory of Chemical Substances

This product is not listed on the TSCA Inventory. It is for research and development use only. This substance is not SARA listed.

US Federal Regulations

SARA 313

This product is not regulated by SARA CAA, Section 112, Hazardous Air Pollutants (HAPs) (40CFR 61): This product does not contain HAPs.

SARA 311/312 Hazard Categories

Acute health hazard	No information available.
Chronic Health Hazard	No information available.
Fire hazard	No information available.
Sudden release of pressure hazard	No information available.

Reactive Hazard

No information available.

CWA (Clean Water Act)

No information available.

CERCLA

No information available.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

No information available.

U.S. EPA Label Information**EPA Pesticide Registration Number**

No information available.

16. OTHER INFORMATION**Prepared By**

Verogen Inc.

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24-Feb-2021

Revision Note

Not applicable

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End of Safety Data Sheet