



Revvity Health Sciences, Inc.
2650 Crescent Drive, Suite 200
Lafayette, CO 80026

revvity.com

NEXTFLEX™ Cas9-gRNA rRNA Depletion Enzyme

Product Codes	Description
NOVA-801100 NOVA-801500 NOVA-802100 NOVA-802500 NOVA-803100 NOVA-803500	NEXTFLEX™ Cas9-gRNA rRNA Depletion Enzyme

Components:

10060	NEXTFLEX™ 10X Cas9 Buffer
10059 10061 10062	NEXTFLEX™ Cas9-gRNA Depletion Enzyme



SAFETY DATA SHEET

Revision Date 27-Apr-2025

Revision Number 1

NGHS / English

1. IDENTIFICATION

Product identifier

Product Name NEXTFLEX™ 10X Cas9 Buffer

Other means of identification

Product Code(s) 10060

Recommended use of the chemical and restrictions on use

Recommended Use Laboratory Use

Restrictions on use For research use only

Details of the supplier of the safety data sheet

Supplier Identification Revvity Health Sciences Inc.

Address 2650 Crescent Dr Suite 200
Lafayette, CO 80026 US

Telephone Phone:303-604-9499
Fax:303-604-9680

E-mail NGS@revvity.com

Emergency telephone number

For 24/7 multilingual advice for a spill, leak, fire, exposure or accident call CHEMTREC at +1 703 527 3887 (US/Canada) or +1 800 424 9300 (Toll Free) and provide CCN 1015970.

2. HAZARDS IDENTIFICATION

Classification of the substance

The product contains no substances which at their given concentration are considered to be hazardous to health.

GHS Label elements, including precautionary statements

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

Hazards not otherwise classified

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

This product contains no substances which at their given concentration are considered to be hazardous to health.

Chemical name	CAS-No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Buffer Solution*	N/A	100%	-	-

*All components need not be disclosed according to applicable regulations due to non-hazardous classification status.

4. FIRST AID MEASURES**First aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

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.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed. Hold at -80°C for long term storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid
Appearance	Colorless
Odor	Mild
Color	No information available
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	No data available	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms	No information available.
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Numerical measures of toxicity**Acute Toxicity**

Unknown acute toxicity	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.
Respiratory or skin 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.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and Degradability	No information available.
Bioaccumulation	There is no data for this product.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT Not regulated
UN-No. UN1845
Proper Shipping Name Carbon Dioxide, Solid
Hazard Class 9
Subsidiary class III

TDG Not regulated
UN Number UN1845
Proper Shipping Name Carbon Dioxide, Solid
Hazard Class 9
Subsidiary class III

MEX Not regulated

ICAO Not regulated

IATA Not regulated
UN Number UN1845
Proper Shipping Name Carbon Dioxide, Solid
Hazard Class 9
Subsidiary class III

IMDG Not regulated
UN Number UN1845
Proper Shipping Name Carbon Dioxide, Solid
Hazard Class 9
Packing group III

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

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

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - 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
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

TSCA (the non-confidential portion): None of the components are listed
Clean Air Act: None of the components are listed
Clean Water Act: None of the components are listed
SARA 313: None of the components are listed
SARA 313/312 Hazard Categories: None of the components are listed

US State Regulations

California / Prop. 65: None of the components are listed
Massachusetts / Right to Know Act: None of the components are listed
New Jersey / Right to Know Act: None of the components are listed
New York / Right to Know Act: None of the components are listed
Pennsylvania / Right to Know Act: None of the components are listed

16. OTHER INFORMATION

Prepared By Revvity Health Sciences Inc.

2650 Crescent Dr Suite 200
Lafayette, CO 80026 US

Revision Date 27-Apr-2026

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet



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Product identifier

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Other means of identification

Product Code(s) 10059, 10061, 10062

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Recommended Use Laboratory Use

Restrictions on use For research use only

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Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

Hazards not otherwise classified

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

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Chemical name	CAS-No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Cas9 Protein*	N/A	<1%	-	-
RNase Inhibitor*	N/A	<1%	-	-
RNA*	N/A	<1%	-	-
Buffer Solution*	N/A	>97%	-	-

* Any concentration shown as a range is to protect confidentiality or is due to process variation.

4. FIRST AID MEASURES**First aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

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.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Explosion Data	

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid
Appearance	Colorless
Odor	Mild
Color	No information available
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u> <u>Method</u>
pH	No data available	None known
Melting / freezing point	No data available	None known
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Softening Point	No information available
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Bioaccumulation There is no data for this product.

Mobility No information available.

Other adverse effects No information available.

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ICAO Not regulated

IATA Not regulated
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Hazard Class 9
Subsidiary class III

IMDG Not regulated
UN Number UN1845
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Hazard Class 9
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specified in the text

End of Safety Data Sheet