



Reveal® Q+ MAX for Zearalenone

Kit Product

Kit identification

Trade name : Reveal® Q+ MAX for Zearalenone
Product code : 8188
Part Number(s) : 8188|700002516

Details of the supplier of the Kit safety information sheet

Manufacturer

Neogen Corporation
620 Leshler Place
Lansing, Michigan 48912
United States of America
T 800.234.5333

sds@neogen.com - <https://www.neogen.com/>

General information

Restrictions on use : Do not use kit components from one kit with any other kit.
General description : This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). Articles, and otherwise immobilized and inaccessible chemicals, do not have a Safety Data Sheet in this packet.

Kit contents

Name	GHS classification
Dilution Buffer 8188	STOT RE 2, H373
MAX 1 Aqueous Extraction	STOT RE 2, H373
Reveal® Q+ MAX for Zearalenone - Sample Diluent 8188	Not classified

Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
UN Number			
Not regulated for transport			
UN Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated

Reveal® Q+ MAX for Zearalenone

Kit Safety Information Sheet (SIS)

TDG	DOT	IMDG	IATA
Packing group, if applicable			
Not regulated	Not regulated	Not regulated	Not regulated
Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

Special precautions for user

TDG

Not regulated

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : Dilution Buffer
Type of product : Food Safety -- [Food Safety]

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Laboratory chemicals, Scientific research and development
Restrictions on use : Do not use kit components from one kit with any other kit.

1.4. Supplier's details

Neogen Corporation
620 Leshar Place
Lansing, Michigan 48912
United States of America
T 800.234.5333
sds@neogen.com - <https://www.neogen.com/>

1.5. Emergency phone number

Emergency number : 24 hours:
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture


Classification (GHS CA)

Specific target organ toxicity, Repeated exposure, Category 2 H373 May cause damage to organs through prolonged or repeated exposure.

Full text of H statements : see section 16

2.2. GHS label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) : 

Signal word (GHS CA) : Warning

Hazard statements (GHS CA) : H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS CA) : P260 - Do not breathe dust, fume, gas, mist, vapors, spray.

P314 - Get medical advice or attention if you feel unwell.

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Dilution Buffer

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
(2-Hydroxypropyl)- β -cyclodextrin	Hydroxy propyl beta-cyclodextrin	CAS-No.: 128446-35-5	$\geq 1 - < 5$	STOT RE 2, H373

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures general	: Get medical advice/attention if you feel unwell.
Personal protection for first-aid responders.	: First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

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

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

Dilution Buffer

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

5.3. Special protective actions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.
- Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.
- For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Keep cool. Protect from sunlight.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Dilution Buffer

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: Colorless
Odor	: Odorless
Odor threshold	: No data available
pH	: 7.5
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).

Dilution Buffer

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Dilution Buffer	
Unknown acute toxicity (GHS CA)	3% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 3% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 3% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

(2-Hydroxypropyl)- β -cyclodextrin (128446-35-5)	
LD50 oral rat	> 2243 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 2.95 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation	: Not classified pH: 7.5
Serious eye damage/irritation	: Not classified pH: 7.5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.

(2-Hydroxypropyl)- β -cyclodextrin (128446-35-5)	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.1 mg/l air Animal: rat, Animal sex: male, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
NOAEL (oral, rat, 90 days)	\geq 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

SECTION 12 Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified

Dilution Buffer

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Hazardous to the aquatic environment, long-term (chronic) : Not classified

(2-Hydroxypropyl)-β-cyclodextrin (128446-35-5)	
LC50 - Fish [1]	> 1131 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 72h - Algae [1]	> 1182 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 1153 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC chronic fish	100 mg/l Test organisms (species): Cyprinus carpio Duration: '28 d'
NOEC (chronic)	127 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	251 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

Dilution Buffer	
Persistence and degradability	Not rapidly degradable

(2-Hydroxypropyl)-β-cyclodextrin (128446-35-5)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN Number			
Not regulated for transport			
14.2. UN Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated

Dilution Buffer

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

TDG	DOT	IMDG	IATA
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group, if applicable			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

TDG

Not regulated

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

(2-Hydroxypropyl)- β -cyclodextrin (128446-35-5)

Listed on the Canadian NDSL (Non-Domestic Substances List)

(2-Hydroxypropyl)- β -cyclodextrin (128446-35-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

SECTION 16 Other Information

Issue date : 08-21-2025

Full text of hazard classes and H-statements:

H373	May cause damage to organs through prolonged or repeated exposure.
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Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 08-21-2025 Version: 1.0

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : Reveal® Q+ MAX for Zearalenone - Sample Diluent
Type of product : Food Safety -- [Food Safety]

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Laboratory chemicals, Scientific research and development
Restrictions on use : Do not use kit components from one kit with any other kit.

1.4. Supplier's details

Manufacturer

Neogen Corporation
620 Leshar Place
Lansing, Michigan 48912
United States of America
T 800.234.5333
sds@neogen.com - <https://www.neogen.com/>

1.5. Emergency phone number

Emergency number : 24 hours:
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Not classified

2.2. GHS label elements, including precautionary statements

GHS CA labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

3.2. Mixtures

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
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Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

<p>Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs.</p>	<p>(Z)-Mono-9-octadecenoate sorbitan poly(oxy-1,2-ethanediyl) derivs. ; Polyoxyethylene sorbitan monooleate alkamuls PSMO 20 / armotan PMO-20 / atlox 1087 / atlox 8916TF / capmul POE-O / cemerol T 80 / cemesol TW 1020 / crill 10 / crill 11 / crill S 10 / crillet 4 / crillet 41 / disponil SMO 120 / drewmulse POE-SMO / durfax 80 / emsorb 6900 / emulgin SMO 20 / emulson 100M / ethoxylated sorbitan monooleate / ethylene oxide-sorbitan monooleate polymer / flo Mo SMO 20 / glycols, polyethylene, ether with sorbitan monooleate / glycosperse O 5 / glycosperse O-20 / glycosperse O-20 VEG / glycosperse O-20X / hexaethylene glycol sorbitan monooleate / hodag SVO 9 / ionet T80 / ionet T80C / liposorb O-20 / liposord L-20 / MO 55F / monitan / montanox 80 / nikkol TO / nikkol TO 10 / nikkol TO 106 / nikkol TO 10M / nissan</p>	<p>CAS-No.: 9005-65-6</p>	<p>≥ 1 – < 5</p>	<p>Aquatic Acute 3, H402 Aquatic Chronic 3, H412</p>
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Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

	nonion OT 221 / nonion OT 221 / clothorb / polyethylene glycol sorbitan ether monooleate / polyethylene glycol sorbitan monooleate / polyethylene oxide sorbitan mono-oleate / polyoxyethylated sorbitan monooleate / polyoxyethylene (20) sorbitan monooleate / polyoxyethylene monosorbitan monooleate / polyoxyethylene sorbitan oleate / polyoxyethylene sorbitanmonoolea te / polyoxyethylene(2 0)sorbitan monooleate / protasorb O-20 / PST40200 / rheodol super TW-O120 / rheodol TW-L 80 / rheodol TW-O 106 / rheodol TW- O 120 / romulgin O / setrolene O / sorbimacrogol oleate / sorbimacrogol oleate 300 / sorbital 0 20 / sorbitan mono-9- octadecenoate poly(oxy-1,2- ethanediyl) derives / sorbitan monoleate / sorbitan monooleate ethylene oxide adduct / sorbitan monooleate polyethylene glycol ether / sorbitan mono-			
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Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
	oleate polyoxyethylene / sorbitan monooleate polyoxyethylene derivatives / sorbitan monooleate polyoxyethylene ether / Sorbitan monooleate, ethoxylated / sorbitan oleate-ethylene oxide adduct / sorbitan, mono-9-octadecenoate, poly(oxy-1,2-ethanediyl) der / sorbitan, monooleate, polyoxyethylene derivs. / sorbon T 80 / sorethytan (20) mono-oleate / sorgon TW 80 / sorlate / SVO 9 / T-164 / TO 10 / TO 10M / tris(polyoxyethylene)sorbitan monooleate / TWEEN 18:1c / TWEEN 81 / TWEEN 81 (polysorbate 81) / witconol 2722			

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.
- First-aid measures general : If you feel unwell, seek medical advice.
- Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

- Symptoms/effects after inhalation : None under normal conditions.

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

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

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.
Environmental precautions	: Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
For further information refer to section 13.	

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Keep cool. Protect from sunlight.
Packaging materials	: Store always product in container of same material as original container.

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: Colorless
Odor	: Odorless
Odor threshold	: No data available
pH	: 7.5
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Unknown acute toxicity (GHS CA)	1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 1% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 1% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
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Skin corrosion/irritation	: Not classified pH: 7.5
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Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

pH	5 – 7 (5 %)
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Serious eye damage/irritation	: Not classified pH: 7.5
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Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

pH	5 – 7 (5 %)
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Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

Viscosity, kinematic	462.963 – 46648.148 mm ² /s
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Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

SECTION 12 Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

LC50 - Fish [1]	817.89 mg/l Source: ECOSAR
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EC50 96h - Algae [1]	62.072 mg/l Source: ECOSAR
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12.2. Persistence and degradability

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Persistence and degradability	Not rapidly degradable
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Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

Persistence and degradability	Biodegradability in water: no data available.
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12.3. Bioaccumulative potential

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

Bioaccumulative potential	No bioaccumulation data available.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
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Fluorinated greenhouse gases	: No
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SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN Number			
Not regulated for transport			
14.2. UN Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group, if applicable			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

TDG

Not regulated

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

Listed on the Canadian DSL (Domestic Substances List)

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16 Other Information

Issue date : 08-21-2025

Reveal® Q+ MAX for Zearalenone - Sample Diluent

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Full text of hazard classes and H-statements:	
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : MAX 1 Aqueous Extraction
Type of product : Food Safety -- [Food Safety]
Product code : 8089

1.2. Other means of identification

Part Number(s) : 8089|8089-G|91097|400000508|400000604|700003913

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Laboratory chemicals, Scientific research and development

1.4. Supplier's details

Neogen Corporation
620 Leshar Place
Lansing, Michigan 48912
United States of America
T 800.234.5333
sds@neogen.com - <https://www.neogen.com/>

1.5. Emergency phone number

Emergency number : 24 hours:
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture


Classification (GHS CA)

Specific target organ toxicity, Repeated exposure, Category 2 H373 May cause damage to organs through prolonged or repeated exposure.

Full text of H statements : see section 16

2.2. GHS label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) : 

Signal word (GHS CA) : Warning

Hazard statements (GHS CA) : H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS CA) : P260 - Do not breathe dust, fume, gas, mist, vapors, spray.

P314 - Get medical advice or attention if you feel unwell.

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
(2-Hydroxypropyl)- β -cyclodextrin	Hydroxy propyl beta-cyclodextrin	CAS-No.: 128446-35-5	$\geq 50 - < 75$	STOT RE 2, H373

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Microcrystalline cellulose	Cellulose 402-2B / ABICEL / alpha cel PB 25 / alpha-cellulose / ALPHAPHLOC / ALPHONIER F / ARBOCEL / ARBOCEL B 400 / ARBOCEL B 600/30 / ARBOCEL B 820C / ARBOCEL BC 1000 / ARBOCEL BC 1000 R / ARBOCEL BC 200 / ARBOCEL BC 200 R / ARBOCEL BC 300 / ARBOCEL BE 600/10 / ARBOCEL BE 600/20 / ARBOCEL BE 600/30 / ARBOCEL BEM 400-15 / ARBOCEL BER 400 S / ARBOCEL BERC 300 P / ARBOCEL BVEC 200 / ARBOCEL BVS 400 / ARBOCEL BZNC 200 / ARBOCEL BZNC 200 Fine / ARBOCEL DC 1000 / ARBOCEL FD OO / ARBOCEL FIC 200 / ARBOCEL NV 600-30 / ARBOCEL TP 40 / ARBOCELL B 600/30 / AVICEL / AVICEL 101 / AVICEL 102 / AVICEL 2330 / AVICEL 2331 / AVICEL 955 / AVICEL CL 611 / AVICEL E 200 / AVICEL FD 100 / AVICEL FD 101 / AVICEL PH 101 / AVICEL PH	CAS-No.: 9004-34-6	≥ 10 – < 15	STOT SE 3, H335
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MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

	101/102 / AVICEL PH 102 / AVICEL PH 103 / AVICEL PH 105 / AVICEL PH 112 / AVICEL PH 113 / AVICEL PH 200 / AVICEL PH 301 / AVICEL PH 302 / AVICEL PH microcrystalline cellulose / AVICEL PH-F 10 / AVICEL PH-M 06 / AVICEL PH-M 15 / AVICEL RC 591 / AVICEL SF / AVICEL SP / AVICEL TG 101 / AVICEL TG-D / baker-flex cellulose / BELLFINE D 10 / beta-amylase / CELISH / CELISH 100F / CELISH 100L / CELISH KY 100L / CELISH KY 100S / CELLEX MX / cellulose / cellulose 248 / cellulose crystalline avicel / cellulose flock / cellulose, crystalline / cellulose, microcrystalline / cellulose, powder / CELUFI / CEMIROM / CEPO / CEPO CFM / CEPO S 20 / CEPO S 40 / CF 11 / CHROMEDIA CC 31 / CHROMEDIA CF 11 / cotton linter pulp / crystalline cellulose / cupricellulose / DIACEL-4 / E 460 / ELCEMA F 150 / ELCEMA G 250 / ELCEMA P 050 /			
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MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
	ELCEMA P 100 / flock-cellulose / FRESENIUS D 6 / HEWETEN 10 / HEWETEN 40 / hydroxycellulose / KINGCOT / LA 01 / MCC / microcrystalline cellulose / microcrystalline cellulose, MCC / MN-cellulose / ONOZUKA P 500 / polycellobiose / pyrocellulose / RAYOPHANE / RAYWEB Q / REXCEL / SIGMACELL / SOLKA-FIL / SOLKA-FLOC / SOLKA-FLOC BW / SOLKA-FLOC BW 100 / SOLKA-FLOC BW 20 / SOLKA-FLOC BW 200 / SOLKA-FLOC BW 2030 / SPARTOSE OM-22 / sulfite cellulose / TOMOFAN / TUNICIN / WHATMAN 41 / WHATMAN CC-31 / wood pulp / XUS 40511.00 experimental cellulose			

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures general	: Get medical advice/attention if you feel unwell.

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.

Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact : None under normal conditions. Dust from this product may cause eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

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

Other medical advice or treatment : Treat symptomatically.

SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Keep cool. Protect from sunlight.
Storage temperature	: 2 – 30 °C
Packaging materials	: Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Microcrystalline cellulose (9004-34-6)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA	10 mg/m ³
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Cellulose (paper fibres)
VEMP (OEL TWAEV)	10 mg/m ³ Td
Notations and remarks	Note 1: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA	10 mg/m ³ Total dust 3 mg/m ³ Respirable fraction
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA	10 mg/m ³
Notations and remarks	TLV® Basis: URT irr
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA	10 mg/m ³
Notations and remarks	NA URT irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA	10 mg/m ³
Notations and remarks	TLV® Basis: URT irr

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Microcrystalline cellulose (9004-34-6)	
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA	10 mg/m ³
Notations and remarks	TLV® Basis: URT irr
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Cellulose (paper fibre)
OEL TWA	10 mg/m ³
OEL STEL	20 mg/m ³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Cellulose (paper fibre)
OEL TWA	10 mg/m ³
OEL STEL	20 mg/m ³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWAEV	10 mg/m ³
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA	10 mg/m ³
Notations and remarks	TLV® Basis: URT irr
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Cellulose (paper fibre)
OEL TWA	10 mg/m ³
OEL STEL	20 mg/m ³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Wear recommended personal protective equipment.

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Color	: White
Odor	: Odorless Slight
Odor threshold	: No data available
pH	: 7.8 – 8.25
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Explosion limits	: Not applicable
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

MAX 1 Aqueous Extraction	
Unknown acute toxicity (GHS CA)	85.86% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 85.86% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 85.86% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

(2-Hydroxypropyl)- β -cyclodextrin (128446-35-5)	
LD50 oral rat	> 2243 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 2.95 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Microcrystalline cellulose (9004-34-6)	
LD50 oral rat	> 5000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Dermal)
LC50 Inhalation - Rat	> 6 mg/l (4 h, Rat, Inhalation)

Skin corrosion/irritation	: Not classified. pH: 7.8 – 8.25
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Microcrystalline cellulose (9004-34-6)	
pH	5 – 7 (11 %)

Serious eye damage/irritation	: Not classified pH: 7.8 – 8.25
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Microcrystalline cellulose (9004-34-6)	
pH	5 – 7 (11 %)

Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

Microcrystalline cellulose (9004-34-6)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
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MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

(2-Hydroxypropyl)-β-cyclodextrin (128446-35-5)	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.1 mg/l air Animal: rat, Animal sex: male, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
NOAEL (oral, rat, 90 days)	\geq 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

MAX 1 Aqueous Extraction	
Viscosity, kinematic	Not applicable

Symptoms/effects after inhalation : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.

Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact : None under normal conditions. Dust from this product may cause eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

SECTION 12 Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

(2-Hydroxypropyl)-β-cyclodextrin (128446-35-5)	
LC50 - Fish [1]	> 1131 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 72h - Algae [1]	> 1182 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 1153 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC chronic fish	100 mg/l Test organisms (species): Cyprinus carpio Duration: '28 d'
NOEC (chronic)	127 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	251 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Microcrystalline cellulose (9004-34-6)	
LC50 - Fish [1]	> 100 mg/l (Pisces)
EC50 - Crustacea [1]	> 100 mg/l (Invertebrata)

12.2. Persistence and degradability

MAX 1 Aqueous Extraction	
Persistence and degradability	Not rapidly degradable

(2-Hydroxypropyl)-β-cyclodextrin (128446-35-5)	
Persistence and degradability	Not rapidly degradable

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Microcrystalline cellulose (9004-34-6)	
Persistence and degradability	Biodegradable in water.

12.3. Bioaccumulative potential

Microcrystalline cellulose (9004-34-6)	
Bioaccumulative potential	Bioaccumulation: not applicable.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN Number			
Not regulated for transport			
14.2. UN Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group, if applicable			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

TDG
Not regulated

DOT
Not regulated

MAX 1 Aqueous Extraction

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

(2-Hydroxypropyl)- β -cyclodextrin (128446-35-5)

Listed on the Canadian NDSL (Non-Domestic Substances List)

Microcrystalline cellulose (9004-34-6)

Listed on the Canadian DSL (Domestic Substances List)

Canada DSL & NDSL Flags

Significant New Activity (SNAc) provisions of the Act apply

(2-Hydroxypropyl)- β -cyclodextrin (128446-35-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Microcrystalline cellulose (9004-34-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16 Other Information

Issue date : 07-10-2025

Full text of hazard classes and H-statements:

H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure.

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.