

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code 356256 , 356257, 356258, 356259
 Product Name Corning Matrigel Matrix - 3D Plate
 Pure substance/mixture Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

For research use only. Not Intended for Diagnostic or Therapeutic Use.

1.3. Details of the supplier of the safety data sheet

Corning Life Sciences Discovery Labware 2 Oak Park Bedford, MA 01730 USA +1.978.442.2200	Corning B.V. Fogostraat 12 1060 LJ Amsterdam, The Netherlands +31-(0)20-6557928
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E-mail address ScientificSupportEMEA@Corning.com

1.4. Emergency telephone number

Emergency Telephone Chemtrec: +1-800-424-9300 (USA), +1-703-527-3887 (International; Call collect)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

2.2. Label elements

Signal word None
 Hazard statements Not Hazardous

2.3. Other hazards

None

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	EC No	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Chloroform	200-663-8	67-66-3	<0.1	Acute Tox. 4 (H302) Acute Tox. 3 (H331) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Carc. 2 (H351) Repr. 2 (H361d) STOT RE 1 (H372)

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove to fresh air.
Skin Contact	Wash with soap and water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious).

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	None known.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	No information available.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

See Section 12 for additional ecological information.

6.3. Methods and material for containment and cleaning up

No special precautions are needed in handling this material. .

6.4. Reference to other sections

See Section 13: DISPOSAL CONSIDERATIONS, Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

This product is for research and development only.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters**Exposure Limits**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Chloroform	S*	STEL: 6 ppm	TWA: 2 ppm	S*	TWA: 0.5 ppm

	TWA 2 ppm TWA 10 mg/m ³	STEL: 29.7 mg/m ³ TWA: 2 ppm TWA: 9.9 mg/m ³ Skin	TWA: 10 mg/m ³ STEL: 50 ppm STEL: 250 mg/m ³	TWA: 2 ppm TWA: 10 mg/m ³	TWA: 2.5 mg/m ³ Ceiling / Peak: 1 ppm Ceiling / Peak: 5 mg/m ³ Skin
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Chloroform	TWA: 2 ppm TWA: 10 mg/m ³ Skin	TWA: 2 ppm TWA: 10 mg/m ³	STEL: 25 mg/m ³ TWA: 5 mg/m ³	TWA: 2 ppm TWA: 10 mg/m ³ STEL: 4 ppm STEL: 20 mg/m ³ Skin	TWA: 2 ppm TWA: 10 mg/m ³ Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Chloroform	Skin TWA: 2 ppm TWA: 10 mg/m ³	Skin STEL: 1 ppm STEL: 5 mg/m ³ TWA: 0.5 ppm TWA: 2.5 mg/m ³	TWA: 8 mg/m ³	TWA: 2 ppm TWA: 10 mg/m ³ Skin STEL: 2 ppm STEL: 10 mg/m ³	TWA: 2 ppm TWA: 9.8 mg/m ³ STEL: 6 ppm STEL: 29.4 mg/m ³ Skin

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

Personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Hand Protection

Wear protective nitrile rubber gloves.

Skin and body protection

Suitable protective clothing.

Respiratory protection

None under normal use conditions.

Environmental exposure controls Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	liquid / gel	Odor	No information available
Appearance	No information available	Odor threshold	No information available
Color	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.2	+/- 0.2
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	No information available	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	

Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

9.2. Other information

No information available

Section 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None under normal use conditions

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Acute toxicity - Product Information**

Product does not present an acute toxicity hazard based on known or supplied information mg/kg mg/l

Skin corrosion/irritation	No information available
Serious eye damage/eye irritation	No information available.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any any components at levels greater than or equal to 0.1% that have been identified as probable, possible or confirmed human carcinogens by OSHA, IARC or NTP
Reproductive toxicity	No information available.
Developmental Toxicity	No information available.
Teratogenicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.
Symptoms	No information available

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Chloroform	560: 48 h <i>Desmodesmus subspicatus</i> mg/L EC50	18: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 18: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 300: 96 h <i>Poecilia</i>	29: 48 h <i>Daphnia magna</i> mg/L EC50

		reticulata mg/L LC50 static 71: 96 h Pimephales promelas mg/L LC50 flow-through	
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Unknown Aquatic Toxicity

0.40201% of the mixture consists of component(s) of unknown hazards to the aquatic environment

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Chemical Name	Partition coefficient
Chloroform	log Kow = 2

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not Applicable
14.6 Special Provisions	None

RID

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

ADR

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

Section 15: REGULATORY INFORMATION

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

European Union

Component	EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances
Chloroform 67-66-3 (<0.1)	Use restricted. See item 32.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

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
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

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Version 1

Revision Date 17-Apr-2020
Revision Note Not Applicable.

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

Disclaimer

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End of Safety Data Sheet