

AboGen S3™ G Oral Fluid Collection Kit

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : AboGen S3™ G Oral Fluid Collection Kit

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

Use of the substance/mixture : Biological specimen preservative

1.3. Details of the supplier of the safety data sheet

AboGen Inc.
477 Congress Street, Suite 1010
Portland, ME 04103

1.4. Emergency telephone number

US: 1-800-535-5053
Outside of the US: 352-323-3500

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Proprietary Component 1	(CAS No) Trade Secret	Trade Secret	Not classified
Proprietary Component 2	(CAS No) Trade Secret	Trade Secret	Not classified
Proprietary Component 3	(CAS No) Trade Secret	Trade Secret	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Proprietary Component 4	(CAS No) Trade Secret	Trade Secret	Not classified
Proprietary Component 5	(CAS No) Trade Secret	Trade Secret	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
Proprietary Component 6	(CAS No) Trade Secret	Trade Secret	Not classified
Proprietary Component 7	(CAS No) Trade Secret	Trade Secret	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 3, H402

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : No specific first aid necessary for this route of exposure.
First-aid measures after skin contact : Wash with soap and water.
First-aid measures after eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

AboGen S3™ G Oral Fluid Collection Kit

Safety Data Sheet

First-aid measures after ingestion : No specific first aid measures are required.

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

Symptoms/injuries after inhalation : None under normal use.

Symptoms/injuries after skin contact : May cause irritation.

Symptoms/injuries after eye contact : May cause irritation.

Symptoms/injuries after ingestion : None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.

Explosion hazard : None known.

Reactivity : None.

5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

None.

6.3. Methods and material for containment and cleaning up

For containment : If possible, stop flow of product.

Methods for cleaning up : Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage conditions required.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : None required under normal product handling conditions.

Hand protection : None required under normal product handling conditions.

Eye protection : None required under normal product handling conditions.

Skin and body protection : Use body protection appropriate for task.

Respiratory protection : None required under normal product handling conditions.

AboGen S3™ G Oral Fluid Collection Kit

Safety Data Sheet

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear.
Color	: Colorless
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: Soluble
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Proprietary Component 3 (Trade Secret)	
LD50 oral rat	1800 mg/kg
ATE US (oral)	1800.000 mg/kg body weight

AboGen S3™ G Oral Fluid Collection Kit

Safety Data Sheet

Proprietary Component 5 (Trade Secret)	
LD50 oral rat	1700 mg/kg
ATE US (oral)	1700.000 mg/kg body weight
Proprietary Component 4 (Trade Secret)	
LD50 oral rat	> 90 ml/kg
Proprietary Component 7 (Trade Secret)	
LD50 oral rat	1288 mg/kg
LD50 dermal rabbit	580 mg/kg
LC50 inhalation rat (mg/l)	> 3900 mg/m ³ (Exposure time: 1 h)
ATE US (oral)	1288.000 mg/kg
ATE US (dermal)	580.000 mg/kg
Proprietary Component 1 (Trade Secret)	
LD50 oral rat	3 g/kg
LC50 inhalation rat (mg/l)	> 42 g/m ³ (Exposure time: 1 h)
ATE US (oral)	3000000.000 mg/kg

Skin corrosion/irritation	: Not classified pH: 7.4
Serious eye damage/irritation	: Not classified pH: 7.4
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Proprietary Component 5 (Trade Secret)	
LC50 fish 1	34 - 62 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	113 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	44.2 - 76.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Proprietary Component 7 (Trade Secret)	
LC50 fish 1	8 - 12.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	15 - 18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Proprietary Component 1 (Trade Secret)	
LC50 fish 1	5560 - 6080 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	340.7 - 469.2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and degradability

No additional information available

AboGen S3™ G Oral Fluid Collection Kit

Safety Data Sheet

12.3. Bioaccumulative potential

Proprietary Component 7 (Trade Secret)	
BCF fish 1	(will not bioconcentrate)
Log Pow	1.6
Proprietary Component 1 (Trade Secret)	
BCF fish 1	(no bioaccumulation)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Proprietary Component 3 (Trade Secret)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Proprietary Component 2 (Trade Secret)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Proprietary Component 5 (Trade Secret)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Proprietary Component 4 (Trade Secret)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Proprietary Component 7 (Trade Secret)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Proprietary Component 1 (Trade Secret)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State regulations

Proprietary Component 5 (Trade Secret)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3

AboGen S3™ G Oral Fluid Collection Kit

Safety Data Sheet

Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects

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