

## SAFETY DATA SHEET

according to US Regulation 29 CFR 1910.1200 and the Canadian HPA

### APPLIED BIOCHEMISTS NO FOAM

Version 2.0

Revision Date 2020.03.12

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#### SECTION 1. IDENTIFICATION

Product name : APPLIED BIOCHEMISTS NO FOAM

##### Manufacturer or supplier's details

Company : Innovative Water Care, LLC  
1400 Bluegrass Lakes Parkway  
Alpharetta, GA  
30004

Telephone : 1-800-511-6737 (Outside the USA: 1-423-780-2347)  
E-mail address : sds@sigurawater.com  
Emergency telephone number : 1-800-654-6911 (Outside the USA: 1-423-780-2970)

##### Recommended use of the chemical and restrictions on use

Recommended use : Water treatment chemical

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#### SECTION 2. HAZARDS IDENTIFICATION

##### GHS Classification

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200 and the Canadian HPA.

##### GHS label elements

Not a dangerous substance according to GHS.

##### Other hazards

None known.

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#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

##### Hazardous components

No hazardous ingredients

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#### SECTION 4. FIRST AID MEASURES

If inhaled : IF INHALED: Remove individual to fresh air. Seek medical

## APPLIED BIOCHEMISTS NO FOAM

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	attention if breathing becomes difficult or if respiratory irritation develops.
In case of skin contact	: IF ON SKIN: Flush skin with water for 15 minutes. Take off all contaminated clothing. Seek medical attention if irritation develops.
In case of eye contact	: IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.
If swallowed	: IF SWALLOWED: Immediately drink water to dilute. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	: None known.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards during firefighting	: Material will not ignite or burn.
Further information	: Use water spray to cool unopened containers. In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use the personal protective equipment recommended in Section 8 and a NIOSH approved self-contained breathing apparatus. Prevent further leakage or spillage if safe to do so. Use personal protective equipment as required. Evacuate personnel to safe areas.
Environmental precautions	: The product should not be allowed to enter drains, water courses or the soil.
Methods and materials for containment and cleaning up	: Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local /

## APPLIED BIOCHEMISTS NO FOAM

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national regulations (see section 13).

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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not take internally.  
Avoid contact with skin, eyes and clothing.  
If in eyes or on skin, rinse well with water.  
Avoid breathing vapours, mist or gas.
- Conditions for safe storage : Store in a cool, dry and well ventilated place. Isolate from incompatible materials.
- Materials to avoid : Refer to Section 10, "Incompatible Materials."
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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.  
Contains no substances with occupational exposure limit values.

- Engineering measures** : No exposure limits exist for the constituents of this product.  
Additional ventilation beyond that of general exhaust is not normally required.

#### Personal protective equipment

- Respiratory protection : Respiratory protection not normally needed.

Hand protection

- Remarks : Impervious gloves

- Eye protection : Safety glasses with side-shields

- Skin and body protection : Impervious clothing
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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : no data available
- Odour : no data available
- Odour Threshold : no data available
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## APPLIED BIOCHEMISTS NO FOAM

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pH	:	6.0 - 7.0
Melting point/freezing point	:	no data available
Boiling point/boiling range	:	212 °F / 100 °C
Flash point	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	Product is not known to be flammable, combustible, pyrophoric or explosive.
Flammability (liquids)	:	no data available
Self-ignition	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.0 (68 °F / 20 °C)
Bulk density	:	no data available
Water solubility	:	soluble in cold water
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	no data available
Decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available

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### SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	:	Stable under normal conditions.
Conditions to avoid	:	Heat
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	Carbon oxides

## APPLIED BIOCHEMISTS NO FOAM

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Silicone

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### SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure :  
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This product will not exert a significant adverse effect to health from any route of exposure.

#### Acute toxicity

Acute oral toxicity : LD50 (Rat): Believed to be > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): Believed to be > 44 mg/l  
Exposure time: 1 h

Acute dermal toxicity : LD50 (Rabbit): Believed to be > 2,000 mg/kg

Acute toxicity (other routes of administration) :

Remarks: There are no known or reported target organ effects from acute exposure.

#### Skin corrosion/irritation

Remarks: Not expected to cause irritation.

#### Serious eye damage/eye irritation

Result: No eye irritation

#### Respiratory or skin sensitisation

Remarks: This material is not known or reported to be a skin or respiratory sensitizer. The active ingredient in this product tested negative for skin sensitization in humans and laboratory animals.

#### Carcinogenicity

##### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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##### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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## APPLIED BIOCHEMISTS NO FOAM

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**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Repeated dose toxicity**

Remarks: Not known or reported to cause subchronic or chronic toxicity.

**Further information**

Remarks: no data available

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### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Other adverse effects**

Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : Practically non-toxic to fish and other aquatic organisms. The acute 96 hr. LC50 of the active ingredient in this product to fathead minnows is > 1,000 mg/l.

## APPLIED BIOCHEMISTS NO FOAM

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### SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D.  
As a nonhazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations.

### SECTION 14. TRANSPORT INFORMATION

**DOT** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable

**TDG** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable

**IATA** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable

**IMDG** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable

## APPLIED BIOCHEMISTS NO FOAM

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**ADR** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable

**RID** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable

**Special precautions for user** : none

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not applicable

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### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Formaldehyde	50-00-0	100	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Formaldehyde	50-00-0	100	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

##### SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

##### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.





## APPLIED BIOCHEMISTS NO FOAM

### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

Components	CAS-No.	Concentration
Formaldehyde	50-00-0	0.01 - 0.1 %
Ethylene oxide	75-21-8	0 - 0.0001 %
1,4-Dioxane	123-91-1	0 - 0.0001 %

The following chemical(s) are listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F):

Components	CAS-No.	Concentration
Formaldehyde	50-00-0	0.01 - 0.1 %
Ethylene oxide	75-21-8	0 - 0.0001 %

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Components	CAS-No.	Concentration
Oxydipropanol	25265-71-8	0.01 - 0.1 %
Formaldehyde	50-00-0	0.01 - 0.1 %
Hexa-2,4-dienoic acid	110-44-1	0.01 - 0.1 %
Sodium benzoate	532-32-1	0.01 - 0.1 %
Ethylene oxide	75-21-8	0 - 0.0001 %
1,4-Dioxane	123-91-1	0 - 0.0001 %

This product contains the following VOC exemptions listed under the U.S. Clean Air Act Section 450.

Components	CAS-No.	Concentration
Polydimethylsiloxane	63148-62-9	1 - 2 %

### Clean Water Act

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Components	CAS-No.	Component RQ (lbs)
Formaldehyde	50-00-0	100
Sodium hydroxide	1310-73-2	1000

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Components	CAS-No.	Concentration
Formaldehyde	50-00-0	0.01 - 0.1 %
Sodium hydroxide	1310-73-2	0.001 - 0.01 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

## APPLIED BIOCHEMISTS NO FOAM

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### US State Regulations

#### Massachusetts Right To Know

Components	CAS-No.
Formaldehyde	50-00-0

#### Pennsylvania Right To Know

Components	CAS-No.
Water	7732-18-5

#### New Jersey Right To Know

Components	CAS-No.
Water	7732-18-5
Polydimethylsiloxane	63148-62-9

#### California Prop. 65



**WARNING** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Components	CAS-No.
Formaldehyde	50-00-0
Ethylene oxide	75-21-8
1,4-Dioxane	123-91-1



**WARNING** Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Components	CAS-No.
Ethylene oxide	75-21-8

#### Canadian lists

#### NPRI

Components	CAS-No.
Formaldehyde	50-00-0

#### The components of this product are reported in the following inventories:

TSCA : The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

## APPLIED BIOCHEMISTS NO FOAM

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### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

First formulated version in SAP.

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Date format : yyyy/mm/dd



## APPLIED BIOCHEMISTS NO FOAM

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US / EN