

## Section 1: Material Identification

**Material Name:**

Stock Adapter

**Application of the substance / the mixture:**

Research use only.

**Supplied By:**

SeqOnce Biosciences, Inc.

2265 E Foothill Blvd

Pasadena, CA 91107

Phone: 626-460-3050

[info@seqonce.com](mailto:info@seqonce.com)

24-Hour Emergency Telephone (CHEMTREC): 1-800-424-9300

*Call only in case of a chemical emergency (leak, spill, exposure, fire, or accident)*

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## Section 2: Composition Information / Ingredients

**Classification of the substance or mixture components:**

The product contains sodium chloride, magnesium chloride, tris hydrochloride, dithiothreitol, and oligonucleotides (with non-radioactive modifications). The product contains no components, at their given concentration, to be considered hazardous to health. Handle all chemicals with caution.

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## Section 3: Hazards Identification

**General Advice:**

Seek immediate medical advice or attention (using safety data sheet if possible), in case of accident or unwellness. Remove from exposure, lie down and do not breathe dust/ fume/ gas/ mist/ vapors/ or spray.

## Specific Effects:

<b>Carcinogenic effects</b>	None
<b>Mutagenic effects</b>	None
<b>Reproductive toxicity</b>	None
<b>Sensitization</b>	None
<b>Target organ effects</b>	None under normal use conditions

## HMIS:

<b>Health</b>	0
<b>Flammability</b>	0
<b>Reactivity</b>	0

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## Section 4: First Aid Measures

<b>Skin Contact</b>	Wash exposed area with soap and water. Generally, the product does not irritate the skin. If irritation develops, call a physician.
<b>Eye Contact</b>	Rinse opened eye for several minutes under running water. Consult a physician.
<b>Ingestion</b>	Do not induce vomiting; immediately call for medical help.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Treat symptomatically.

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## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical, or appropriate foam.
<b>Fire / Explosion Hazards</b>	Use firefighting conditions suitable for the environment.
<b>Special Protective Equipment for Firefighters</b>	Wear self-contained breathing apparatus and protective suit.

## Section 6: Accidental Release Measures

<b>Personal Precautions</b>	Use personal protective equipment.
<b>Environmental Precautions</b>	Dilute with plenty of water. Do not allow to enter sewers / surface or ground water.
<b>Clean-up Method</b>	Soak up with inert absorbent material (sand, diatomite, acid binders, universal binders, sawdust) and put in chemical waste container.

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## Section 7: Handling and Storage

<b>Handling</b>	Avoid inhalation and prolonged exposure. Use personal protective equipment such as gloves, goggles, and lab coat. Avoid contact with Eyes, Skin and Clothing.
<b>Storage</b>	Keep tightly closed in properly labeled containers; store at recommended temperature indicated on label.

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## Section 8: Exposure Controls and Personal Protection

### Precautions for Safe Handling

<b>General Protective and Hygienic Measures</b>	The usual precautionary measures for handling chemicals should be followed.
<b>Breathing Equipment</b>	Not required.
<b>Protection of Hands</b>	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
<b>Material of Gloves</b>	The selection of the suitable gloves does not only depend on the material, but also on manufacturer marks of quality.
<b>Eye Protection</b>	The usual precautionary measures for handling chemicals should be followed.

<b>Information about protection against explosions and fires</b>	No special requirements.
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**Storage:**

<b>Requirements to be met by storerooms and receptacles</b>	No special requirements.
<b>Information about storage in one common storage facility</b>	Not required.
<b>Further information about storage conditions</b>	None.
<b>Specific End Use(s)</b>	Laboratory reagent.

## Section 9: Physical and Chemical Properties

### General Information

<b>Form</b>	Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	No information available.
<b>Odor Threshold</b>	Not determined.
<b>pH-value</b>	Not determined.
<b>Change in Condition</b>	
<b>Melting point/ Melting range</b>	Undetermined.
<b>Boiling point/ Boiling range</b>	Undetermined.
<b>Flash Point</b>	Undetermined.
<b>Flammability (solid, gaseous)</b>	Not applicable.
<b>Flammability Limit in Air</b>	Undetermined.
<b>Upper Limit</b>	
<b>Lower Limit</b>	
<b>Autoignition Temperature</b>	Undetermined.
<b>Decomposition Temperature</b>	Undetermined.
<b>Danger of Explosion</b>	Product does not present an explosion hazard.
<b>Oxidizing Properties</b>	Undetermined.
<b>Water Solubility</b>	Soluble.
<b>Density</b>	Undetermined.
<b>Relative Density</b>	Undetermined.
<b>Vapor Density</b>	Undetermined.
<b>Vapor Pressure</b>	No information.
<b>Evaporation Rate</b>	Undetermined.
<b>Solubility in/ Miscible with</b>	
<b>Water</b>	Fully miscible.

Partition coefficient (n-octanol/water) Undetermined.

**Viscosity:**

Dynamic Undetermined.

Kinematic Undetermined.

## Section 10: Stability and Reactivity

**Reactivity** No further relevant information available.

**Chemical Stability**

**Thermal Decomposition/ Conditions to be Avoided** No decomposition if used according to specifications.

**Possibility of Hazardous Reactions** No dangerous reactions known.

**Conditions to Avoid** No further relevant information available.

**Incompatible Materials** No further relevant information available.

**Hazardous Decomposition Products** No dangerous decomposition products known.

## Section 11: Toxicological Information

**Principle Routes of Exposure / Potential Health Effects:**

**Eyes** May cause eye irritation with susceptible persons. Rinse with plenty of water for at least 15 minutes, lifting low and upper eyelids. Consult physician.

**Skin** May cause skin irritation in susceptible persons. Wash skin with soap and water.

**Inhalation** May be harmful by inhalation. Remove to fresh air.

**Ingestion** May be harmful if swallowed. Clean mouth with water and drink afterwards plenty of water.

## Information on Toxicological Effects

### Acute Toxicity

Not hazardous.

### Primary Irritant Effect:

#### On the Skin

May cause eye irritation with susceptible persons.

#### On the Eye

May cause eye irritation with susceptible persons.

## Specific Effects

### Carcinogenic Effects

None.

### Mutagenic Effects

None.

### Reproductive Toxicity

None.

### Sensitization

None.

## Target Organ Effects

None under normal use conditions.

### Additional toxicological Information

The product when used and handled according to specifications, does not have any harmful effects according to our experience and the information provided to us.

## Section 12: Ecological Information

### Ecotoxicity Effects

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Sodium chloride 7647-14-5	-	12946: 96 h Lepomis macrochirus mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static	-	340.7 – 469.2: 48 h Daphnia magna mg/L EC50 Static 1000: 48 h Daphnia magna mg/L EC50

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Magnesium chloride 7786-30-3	2200: 72 h Desmodesmus subspicatus mg/L EC50	4210: 96 h Gambusia affinis mg/L LC50 static 1970 - 3880: 96 h Pimephales promelas mg/L LC50 static	-	140: 48 h Daphnia magna mg/L EC50 Static 1400: 24 h

**Mobility**

No information available.

**Biodegradation**

No information available.

**Bioaccumulation**

No information available.

**General Notes**

Water hazard class 1 (Self-assessment):  
Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

## Section 13: Disposal Considerations

**Waste Treatment Methods**

**Recommendation**

Smaller quantities can be disposed of with household waste.

**Uncleaned Packaging**

**Recommendation**

Dispose of container in accordance with local/ regional/ national and international recommendations.

**Recommended Cleansing Agent**

Water, if necessary, with cleansing agents.

## Section 14: Transport Information

**UN-Number**

DOT, ADN, IMDG, IATA

Not regulated.

**UN Proper Shipping Name**

DOT, ADN, IMDG, IATA

Not regulated.

**Transport Hazard Class(es)**

DOT, ADN, IMDG, IATA



# Safety Data Sheet

Stock Adapter: SDS 0101

Revision 001; Date of Issue: 29 April 2019

<b>Class</b>	Not regulated.
<b>Packing Group</b>	
<b>DOT, IMDG, IATA</b>	Not regulated.
<b>Environmental Hazards</b>	Not applicable.
<b>Special Precautions for User</b>	Not applicable.
<b>Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation"</b>	Not regulated.

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## Section 15: Regulatory Information

### International Inventories

TSCA

Complies

**United States Toxic Substances Control Act Section 8(b) Inventory**

### US Federal Regulations

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA

This material, as supplied, does not contain regulated substances considered as hazardous under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

**California Proposition 65**

This product does not contain any Proposition 65 Chemicals.





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**U.S. State Right-to-Know Regulations**

**U.S. EPA Label Information**

**EPA Pesticide Registration Number**

Not applicable.

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## Section 16: Other Information

<b>NFPA:</b>	<b>Health Hazards</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazard</b> -
<b>HMIS:</b>	<b>Health Hazards</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazard</b> -

### Disclaimer

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

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