

## Safety Data Sheet

### Section 1: Identification

GHS product identifier: Enerfoam  
Other means of identification:

Relevant identified uses of the substance or mixture and uses advised against: For industrial and commercial use only.

Supplier/Manufacturer: Ener.co, LLC  
845 Third Avenue, 6th Floor  
New York, NY 10022  
USA  
(212) 572-0784

E-mail address of person responsible for this SDS: info@ener.co

Date of issue/Date of revision: August 5, 2020

Ener.co, Inc. expects you to read and understand this entire Safety Data Sheet, as there is important information throughout the document. Further, Ener.co, Inc. expects you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

To promote safe handling, each customer or recipient should: 1) Notify its employees, agents, contractors, and others whom it knows or believes will use this material of the information contained in this SDS and any other information regarding hazards and safety; 2) Furnish this same information to each of its customers for the product; 3) Request its customers to notify their employees, customers, and other users of the product of this information; and 4) Notify its employees, agents, contractors, and others that the precautions identified for this product and any other products with which mixtures may be created are transferable and cumulative to the mixture.

### Section 2: Hazards Identification

Classification of the substance or mixture This product is classified as a high-efficiency bio-base cleaner for HVAC coils. No component is designated as dangerous.

Hazard Pictograms:



HAZARD CLASSIFICATION: No classification.  
SIGNAL WORD: No classification.  
HAZARD STATEMENT: No classification.  
PRECAUTIONARY STATEMENTS: No classification.  
OTHER HAZARDS: No other effects shown.

## Section 3: Composition/Information on Ingredients

Hazardous Ingredients: No component in this product is classified as dangerous.

Substance/Mixture:

CAS NAME	% by WT.	CAS #
Sodium Tetraborate	5 - 10%	1303-96-4
Blend of Surfactant (Trade Secret)	5 - 10%	N/A
Blend of Enzymes (Trade Secret) (Protease/Lipase/Amylase/Cellulase)	1 - 5%	N/A

## Section 4: First aid measures

**EYES:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15min, occasionally lifting the upper and lower eyelids. If eye irritation persists, get medical advice/attention.

**SKIN:** In case of contact, immediately flush skin with plenty of water for at least 15min while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**INHALATION:** Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as collar, tie, belt or waistband. If required, get medical advice/attention.

**INGESTION:** If swallowed, seek medical attention immediately. Induce vomiting only if directed by your doctor. Do not give anything to people who have passed out.

**SYMPTOMS/EFFECTS:**  
(Acute or Delayed) Eyes irritation sensation which is manifested by tearing. Cough, breathing pain, redness. May cause skin irritation and respiratory tract.

**SPECIAL TREATMENT:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
In case of emergency, contact your local poison center.

## Section 5: Fire-fighting Measures

**EXTINGUISHING MEDIA:** Water spray. Dry chemical. Carbon Dioxide. Foam.

**UNSUITABLE EXTINGUISHING MEDIA** Do not use full water jet, can facilitate the spread of fire.

**SPECIAL PROTECTIVE EQUIPMENT:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**SPECIFIC HAZARDS:** May release irritating fumes.

## Section 6: Accidental Release Measures

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Ventilate area. If possible contain spillage. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

ENVIRONMENTAL PRECAUTIONS: Unknown

### METHODS AND MATERIALS FOR CONTAINMENT AND RECLAMATION:

Stop leak if without risk. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Section 7: Handling and Storage

### HANDLING PROCEDURES:

Avoid breathing vapours or mist. Avoid release to the environment. Avoid skin and eye contact. Wear appropriate protective equipment when handling this material. Avoid eating and drinking while using this product. Employees should wash hands and face before eating or drinking. Use adequate ventilation. Protect from heat.

### CONDITIONS FOR SAFE STORAGE:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Use appropriate containment to avoid environmental contamination. Keep from freezing.

## Section 8: Exposure Controls/Personal Protection

CAS NAME	CAS #	IDHL mg/m <sup>3</sup>	TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEIL mg/m <sup>3</sup>
Sodium Tetraborate	1303-96-4	N/A	N/A	N/A	N/A
Blend of Surfactant (Trade Secret)	N/A	N/A	N/A	N/A	N/A
Blend of Enzymes (Trade Secret) (Protease/Lipase/Amylase/Cellulase)	N/A	N/A	N/A	N/A	N/A

### NOTES:

IDHL = Immediately Dangerous to Life or Health Concentrations

TWA = Time Weighted Average

STEL = Short Term Exposure Limit

CEIL = Ceiling Limit

APPROPRIATE ENGINEERING CONTROLS: Use only with adequate ventilation.

INDIVIDUAL PROTECT MEASURES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Wash contaminated clothing before reusing.

EYE PROTECTION: DO NOT WEAR CONTACT LENSES. Wear anti-splash safety glasses.

RESPIRATORY: If needed, wear appropriate mask.

HAND PROTECTION: Minimize contact with skin. Use rubber glove during application.

OTHER: Avoid all unnecessary exposure.

## Section 9: Physical and Chemical Properties

PHYSICAL STATE: Liquid.  
COLOR: Clear.  
ODOR: No specific odor.  
pH: 7.0 - 9.0 (5% Solution)  
FREEZING/MELTING POINT: Not available.  
BOILING POINT (°C): 102°C (216°F).  
EVAPORATION RATE (Ether = 1): < 0.8  
FLASH POINT (°C): Not applicable  
UPPER FLAMMABLE LIMIT (% vol.): Not applicable.  
LOWER FLAMMABLE LIMIT (% vol.): Not applicable.  
VAPOR PRESSURE: Not available.  
RELATIVE DENSITY (Water = 1): 1.05kg/L at 20°C  
SOLUBILITY IN WATER: Miscible.  
PARTITION COEFFICIENT (n-octanol/water): Not applicable.  
DECOMPOSITION TEMPERATURE: Not applicable.  
KINEMATIC VISCOSITY: Not applicable.

## Section 10: Stability & Reactivity

STABILITY: This is a stable material.  
CONDITIONS TO AVOID: Heat.  
INCOMPATIBILITY: None known.  
HAZARDOUS POLYMERIZATION: Will not occur

## Section 11: Toxicological Information

CAS NAME	CAS #	(1) LD Oral	(2) LD Skin	(3) LD Skin	(4) LC Gas	(5) LC Vapors	(6) LC Dust
Sodium Tetraborate	1303-96-4	N/A	N/A	N/A	N/A	N/A	N/A
Blend of Surfactant (Trade Secret)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blend of Enzymes (Trade Secret) (Protease/Lipase/Amylase/Cellulase)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

### NOTES:

- (1) LD50 = oral mg/kg
- (2) LD50 = skin mg/kg
- (3) LD50 = skin mg/kg
- (4) LC50 = inhalation ppmV 4hrs-gas
- (5) LC50 = inhalation mg/L 4hrs-vapors
- (6) LC50 = inhalation mg/L 4hrs-dust/mist

ROUTES OF EXPOSURE: This product is not absorbed in the body, it exerts a local action on the exposed tissue.

SYMPTOMS: This product maybe irritating to skin, eyes, respiratory and digestive tracts. The severity of symptoms can vary depending on the exposure conditions (contact time, product concentration, etc.). In high concentrations, headaches, nausea, vomiting and dizziness can be observed. Eyes burn sensation which is manifested by tearing. Pain, itching, redness and skin whitening. Coughing and dry throat. Gastrointestinal pain. Workers may feel tired and drowsy.

## Section 11: Toxicological Information

CAS NAME	CAS #	IARC	ACGIH	Mutagenicity	Effects on Reproduction*
Sodium Tetraborate	1303-96-4	N/A	N/A	N/A	N/A
Blend of Surfactant (Trade Secret)	N/A	N/A	N/A	N/A	N/A
Blend of Enzymes (Trade Secret) (Protease/Lipase/Amylase/Cellulase)	N/A	N/A	N/A	N/A	N/A

\*This data do not allow for an adequate evaluation of the effects on reproduction. Experimental teratogen.

### NOTES:

Cancer classification under IARC (International Agency for Research on Cancer)

Group 1 : carcinogenic to humans

Group 2A : probably carcinogenic to humans

Group 2B : possibly carcinogenic to humans

Group 3 : not classifiable as to its carcinogenicity to humans

Group 4 : probably not carcinogenic to humans

Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists)

Group A1 : confirmed human carcinogen

Group A2 : suspected human carcinogen

Group A3 : confirm animal carcinogen with unknow relevance to humans

Group A4 : not classifiable as a human carcinogen

Group A5 : not suspected as a human carcinogen

## Section 12: Ecological Information

CAS NAME	CAS #	%	Persistent	Toxicity	Bioaccumulation
Sodium Tetraborate	1303-96-4	5-10%	N/A	N/A	N/A
Blend of Surfactant (Trade Secret)	N/A	5-10%	N/A	N/A	N/A
Blend of Enzymes (Trade Secret) (Protease/Lipase/Amylase/Cellulase)	N/A	1-5%	N/A	N/A	N/A

CAS NAME	CAS #	%	Ecotoxicity (short term)	Ecotoxicity (long term)	Environmental Effects
Sodium Tetraborate	1303-96-4	5-10%	No known adverse effect to aquatic life	No known adverse effect to aquatic life	No known adverse effect to environment
Blend of Surfactant (Trade Secret)	N/A	5-10%	No known adverse effect to aquatic life	No known adverse effect to aquatic life	No known adverse effect to environment
Blend of Enzymes (Trade Secret) (Protease/Lipase/Amylase/Cellulase)	N/A	1-5%	No known adverse effect to aquatic life	No known adverse effect to aquatic life	No known adverse effect to environment

## Section 13: Disposal Considerations

**DISPOSAL METHODS:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via licensed waste disposal contractor. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any authority requirements.

## Section 14: Transportation Information

**UN NUMBER:** Not regulated.  
**SHIPPING NAME:** Not regulated.  
**TDG CLASSIFICATION:** Not regulated.  
**PACKING GROUP:** Not regulated.  
**OTHER INFORMATION:** This product is not a marine pollutant.

## Section 15: Regulatory Information

All ingredients are listed on the DSL/NDSL or compliance with the inventory.  
All ingredients are listed on the TSCA or in compliance with the inventory.  
All ingredients are listed on the EINECS or in compliance with the inventory.

The customer is responsible for determining the PPE (Personal Protective Equipment) code for this product.

The classification of the product and the SDS were developed in accordance with HPR.

## Section 16: Other Information (includes the date of preparation or last revision)

**PREPARATION DATE:** Ener.co executed this Safety Data Sheet for Enerfoam on August 5, 2020.

Notice to reader: The manufacturer hereby declares that the information disclosed herein have been based on governmental sires and/or raw material suppliers. The manufacturer has no control over the nature and content of such information. The manufacturer fully reproduces all the information it holds on the constituent of the product, at the time it is manufactured. The manufacturer does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the uses. By this data sheet, the manufacturer hereby discloses all the potential dangers it has knowledge of and which might be related to the using or manipulation of the product in order to allow the proper care to be brought and use with regard to the product. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist, and notification is hereby given to the user. Notice is hereby given that injury can be derive therefrom if the foregoing is not respected. The manufacturer assumes no responsibility for personal and/or material damage, lost or injury of whichever nature caused, or which may occur following the wrongful, inappropriate, negligent or abusive use or handling of the product or from not having read the herein contained information.