



A CSW Industrials Company

SAFETY DATA SHEET

FOAM-A-COIL™ AEROSOL

Condenser/Evaporator Coil Cleaner

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product name
Foam-A-Coil

Product Codes
82640

Chemical Family
Organic/Inorganic

Use
Evaporator cooler cleaner

Manufacturer's Name
RectorSeal LLC
2601 Spenwick Drive
Houston, Texas 77055 USA

Date of validation
May 20, 2022

Date of Preparation
May 20, 2022

HMIS Codes
Health 3
Flammability 1
Reactivity 0
PPI B

Emergency Telephone No.
Chemtrec 24 Hours
(800) 424-9300 USA
(703) 527-3887 International

Technical Service Telephone No.
(800) 231-3345 or (713) 263-8001

SECTION 2 - HAZARDS IDENTIFICATION

CLASSIFICATION

Flammable Aerosol: Category 2
Gases Under Pressure: Liquefied Gas
Eye Damage: Category 1
Specific Target Organ
Toxicity (Single Exposure): Category 3
Aspiration Hazard: Category 1

SECTION 2 - HAZARDS IDENTIFICATION

HAZARD STATEMENT(S):

DANGER: Flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye damage. May cause respiratory irritation. May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS:

Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Wear eye protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Avoid breathing mist, vapors or spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state and federal regulations.



SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient: Alkanes, C9-11-iso-

Percentage by weight: 20-30%

CAS Number: 68551-16-6

Ingredient: Polyoxyethylene alkyl ether phosphate

Percentage by weight: 5-10%

CAS Number: 68585-36-4

Ingredient: Propane/n-Butane

Percentage by weight: 5-10%

CAS Number: 68476-86-8

Ingredient: 4-Nonylphenol, branched, ethoxylated

Percentage by weight: 1-5%

CAS Number: 127087-87-0

SECTION 4 - FIRST AID MEASURES

IF INHALED:	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
IF ON SKIN:	Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes, launder before reuse. If irritation persists seek medical attention.
IF IN EYES:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
IF INGESTED:	Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.
ACUTE HEALTH HAZARDS	Prolonged contact with skin may cause irritation. Causes serious damage to eyes. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.
CHRONIC HEALTH HAZARDS	Skin disorders, drying and irritation of the skin. Contact with eyes may cause corneal injury and may result in permanent impairment of vision including blindness.
NOTE TO PHYSICIAN	Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

UNSUITABLE EXTINGUISHING MEDIA:

Water jets or streams.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

FLAMMABLE. Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Vapors are heavier than air and can accumulate in low areas. Vapors may travel considerable distance to a source of ignition and flash back. Toxic fumes may be generated during a fire.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon, various hydrocarbons.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Eliminate all sources of ignition. Avoid contact with spilled material. Wear appropriate personal protective equipment. Absorb spill with non-combustible material such as vermiculite, sand or earth. Small releases may be wiped up with wiping material. Prevent spill from entering sewers, storm drains and natural waterways. Vapors are heavier than air and can settle in low lying areas in flammable concentrations.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7 - HANDLING AND STORAGE

HANDLING AND STORAGE: Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Use only with adequate ventilation. Do not inhale mist or vapor. Do not use or store with strong oxidizers. Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Vapors may collect in low-lying areas. Wash hands thoroughly after handling.

OTHER PRECAUTIONS: Keep out of the reach of children. Aspiration hazard if swallowed. Can enter lungs and cause damage. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not taste or swallow. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong oxidizing agents.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Alkanes, C9-11-iso-	Not Established	Not Established
Polyoxyethylene alkyl ether phosphate	Not Established	Not Established
Propane/n-Butane	Not Established	1000 ppm
4-Nonylphenol, branched, ethoxylated	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: Use only outdoors or in a well-ventilated area. Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

ADDITIONAL MEASURES: Avoid breathing spray. Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Foam aerosol spray
ODOR: Mild
ODOR THRESHOLD: N/D
pH: N/D
MELTING POINT/FREEZING POINT: N/D
INITIAL BOILING POINT AND BOILING RANGE: N/D
FLASH POINT: 126°F (52°C) SETA CC
EVAPORATION RATE: N/D
FLAMMABILITY(solid/gas): Flammable Aerosol
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: N/D
LIMITS:
LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D
EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H₂O=1): 0.98 - 1.02 @ 77°F (25°C)
SOLUBILITY(IES): N/D
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{OW}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY: None known

CHEMICAL STABILITY: Stable.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Temperatures greater than 122 °F and sources of ignition. Avoid heat, sparks and flames. Avoid incompatibles.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and phosphorus.

SECTION 11 - TOXICOLOGY INFORMATION

TOXICOLOGICAL INFORMATION:

Alkanes, C9-11-iso- (68551-16-6): LD50 (Oral, Rat) > 5000 mg/kg; LD50 (Dermal, Rabbit) >5000 mg/kg; LC50 (Inhalation, Rat) > 4.9 mg/L.

4-Nonylphenol, branched, ethoxylated (127087-87-0): LD50 (Oral) 3314 mg/kg; LD50 (Dermal, Rabbit) > 3000 mg/kg.

Propane (74-98-6): LC50 (Inhalation, Rat, 4h) 658 mg/L.

n-Butane (106-97-8): LC50 (Inhalation, Rat, 4h) 30957 mg/m3.

ROUTES OF ENTRY: Eyes, Inhalation, Skin

EYES: Causes irritation. May cause conjunctivitis with possible corneal injury.

INGESTION: Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps. Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia or edema.

INHALATION: May cause respiratory tract irritation. Avoid breathing spray mist.

SKIN: May cause irritation, redness, dryness.

MEDICAL CONDITION AGGRAVATED: Pre-existing skin and respiratory disorders.

ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Causes serious damage to eyes. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin. Contact with eyes may cause corneal injury and may result in permanent impairment of vision including blindness.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: 2B - Possible OTHER: CA Prop 65

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic life.

PERSISTENCE AND DEGRADABILITY: No additional information available.

BIOACCUMULATIVE POTENTIAL: Components in this mixture can bioaccumulate in aquatic organisms.

MOBILITY IN SOIL: This product is mobile in soil.

OTHER ADVERSE EFFECTS: None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14 - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG) PROPER SHIPPING NAME: Aerosols.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION 15 - REGULATORY INFORMATION

TSCA STATUS: Eyes, Inhalation, Skin

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Diethanolamine (111-42-2) Reportable Quantity = 100 pounds.

SARA 311/312 HAZARD CATEGORIES:

Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

SARA 313 REPORTABLE INGREDIENTS:

This product does not contain any chemicals which are subject to the reporting requirements at Title 40 of the Code of Federal Regulations, Part 372.

CLEAN WATER ACT: None.

STATE REGULATIONS:

California Proposition 65: WARNING: This product can expose you to chemicals including Diethanolamine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Triethanolamine (102-71-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA, RI.

INTERNATIONAL REGULATIONS: No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 33.2%

NFPA HEALTH: 2

HMIS HEALTH: 2

NFPA FLAMMABILITY: 2

HMIS FLAMMABILITY: 2

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

SECTION 16 - OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001