



# UTILITY SAFETY DATA SHEET

Sid Harvey item # F1-71

SDS # Z0514

## SECTION I - IDENTIFICATION

**Product Identity:** Sid Harvey Foam Glo F1-71

**Intended Use:** Coil Cleaner

**Manufacturer:** **UTILITY**

700 Main Street Westbury, NY 11590  
Tel: 1-516-997-6300 Fax: 1-516-997-6345

Web Site: [www.UtilityChemicals.com](http://www.UtilityChemicals.com)  
E-mail: [info@UtilityChemical.com](mailto:info@UtilityChemical.com)

**For any transportation or medical chemical emergencies call:**

**INFOTRAC:** (800) 535-5053

24 hours per day - 7 days a week

## SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Flammable Aerosol: Category 2

Liquefied Gas

Eye Irritant: Category 2b

**HAZARD STATEMENT(S):** **WARNING:** Flammable Aerosol Contains gas under pressure; May explode if heated. Causes eye irritation.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**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 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

## SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Propane/n-Butane	68476-86-8	3-7%
2-Butoxyethanol	111-76-2	5-10%
Isopropyl Alcohol	67-63-0	1-5%
EDTA	60-00-4	.5-1.5%
Potassium Hydroxide	1310-58-3	.5-1.5%

## SECTION IV - FIRST AID MEASURES

**EYES:** Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

**INHALATION:** 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.

**SKIN:** Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision

**CHRONIC HEALTH HAZARDS:** None known

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use appropriate media for surrounding fire.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

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**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.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from heat/sparks/open flames/hot surfaces. No smoking.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

### SECTION VI – ACCIDENTAL RELEASE MEASURES

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

**SPILL:** Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not flame cut, braze, or weld. Empty container very hazardous!

**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**OTHER PRECAUTIONS:** None Known

**INCOMPATIBILITY:** Strong acids

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm
2-Butoxyethanol	50 ppm	20 ppm
Isopropyl Alcohol	500 ppm	400 ppm
EDTA	Not Established	Not Established
Potassium Hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>

**ENGINEERING CONTROLS / VENTILATION:** General ventilation should be used. Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below the recommended exposure limits.

**RESPIRATORY PROTECTION:** Not required with adequate ventilation

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses

**ADDITIONAL MEASURES:** Wash hands and clothing in contact with product after use.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, Colorless Aerosol

**ODOR:** Citrus scent, moderate ammonia odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** < 32°F (0°C)

**FLAMMABILITY:** Flammable Aerosol

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/A

**UPPER FLAMMABILITY LIMIT:** N/A

**VAPOR PRESSURE (mm Hg):** 23.8 mmHg @ 25°C (77°F)

**VAPOR DENSITY (AIR=1):** 1

**EVAPORATION RATE:** < 0.8 (Slow)

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.000 @ 77° F (25°C)

**pH:** 12.3

**SOLIDS (%):** 3%

**SOLUBILITY IN WATER:** 100%

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** 97%

**VOLATILE ORGANIC COMPOUNDS (VOC):** <15%

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**DIELECTRIC STRENGTH (Volts):** N/A  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** Chemically active metals and acids  
**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Temperatures greater than 122°F may cause bursting.  
**INCOMPATIBILITY:** Strong acids  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon  
**POSSIBLE HAZARDOUS REACTIONS:** None Known

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not Established  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** Causes irritation, may cause mild burns if left untreated.  
**INGESTION:** Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.  
**INHALATION:** Causes dizziness, headaches upon long term exposure.  
**SKIN:** Causes irritation, dermatitis with prolonged exposure.  
**MEDICAL CONDITION AGGRAVATED:** Asthma, bronchitis, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders.  
**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision  
**CHRONIC HEALTH HAZARDS:** None known  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Ethylenediaminetetraacetic Acid (EDTA) (60-00-4) EC<sub>50</sub> (Daphnia Magna, 48hr) > 100 mg/L;  
LC<sub>50</sub> (Fish, Freshwater) 159 mg/L  
**BIODEGRADABILITY:** This product is biodegradable.  
**BIOACCUMULATION:** This product is not expected to bioaccumulate.  
**SOIL MOBILITY:** This product is mobile in soil.  
**OTHER ECOLOGICAL HAZARDS:** None Known

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not flame cut, braze, or weld. Empty container very hazardous!  
**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** N/A

### AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950

### SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1

# Safety Data Sheet

UN/NA NUMBER: UN 1950  
ENVIRONMENTAL HAZARDS WATER: N/A

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** None

**SARA 313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	0	<b>HMIS FLAMMABILITY:</b>	0
<b>NFPA REACTIVITY:</b>	1	<b>HMIS REACTIVITY:</b>	1
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

## SECTION XVI - ADDITIONAL INFORMATION

**DATE PREPARED:** 2015-12-04

N/A = Not Applicable; N/D = Not Determined

### **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. Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. UTILITY urges the customers receiving this Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets. The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, UTILITY cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.

# MATERIAL SAFETY DATA SHEET

Foam Glo

FILE NO.: 5390

MSDS DATE: 5/10/12

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Foam Glo  
**MANUFACTURER:** Utility Chemicals  
**ADDRESS:** 700 Main Street  
Westbury, NY 11590

**PRODUCT CODES:** 5390  
**EMERGENCY PHONE:** 1-800-231-0454  
**CHEMTEL PHONE:** 1-800-255-3924  
**OTHER CALLS:** 516-997-6300

**PRODUCT USE:** Evaporator Coil Cleaner & Disinfectant

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	OSHA PEL	ACGIH TLV
2-BUTOXY ETHANOL	111-76-2	50 ppm	20 ppm
ISOPROPYL ALCOHOL	67-63-0	400 ppm	200 ppm
POTASSIUM HYDROXIDE	1310-58-3	N/A	2 mg/m3
PROPANE/N-BUTANE	68476-86-8	N/A	1000ppm

## SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Aerosol under pressure do not expose to high temperatures or store in direct sunlight.

**ROUTES OF ENTRY:** Skin, Eyes, Ingestion, Inhalation

### POTENTIAL HEALTH EFFECTS

**EYES:** Irritation likely. **SKIN:** May cause slight irritation, possible dryness with prolonged contact. **INGESTION:** May cause gastric discomfort and nausea. **INHALATION:** No hazards under normal use.

**ACUTE HEALTH HAZARDS:** See health hazards above

**CHRONIC HEALTH HAZARDS:** None known

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known

### CARCINOGENICITY

**OSHA:** No      **ACGIH:** No      **NTP:** No      **IARC:** No      **OTHER:**

## SECTION 4: FIRST AID MEASURES

**EYES:** Flush with water for 15 minutes. Contact physician if irritation persist. **SKIN:** Wash with soap and water for 15 minutes. If irritation develops seek medical attention. **INGESTION:** Do not induce vomiting. Rinse mouth and give 1 - 2 glasses water if conscious and alert. Contact physician. **INHALATION:** Move to fresh air. If not breathing administer artificial respiration.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

## SECTION 5: FIRE-FIGHTING MEASURES

**FLAMMABLE LIMITS IN AIR (% BY VOLUME)**      **UPPER:** N/A      **LOWER:** N/A

**FLASH POINT (METHOD USED - TCC):** F: 70 C: 21.11

**AUTOIGNITION TEMPERATURE:** F: N/A C: N/A

**NFPA HAZARD CLASSIFICATION:** HEALTH: 1      **FLAMMABILITY:** 1      **REACTIVITY:** 1      **OTHER:**

**HMIS HAZARD CLASSIFICATION:** HEALTH: 1      **FLAMMABILITY:** 0      **REACTIVITY:** 1      **PROTECTION:** A

**EXTINGUISHING MEDIA:** Water, foam, carbon dioxide, dry chemical. Cool fire exposed containers with water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use full protective gear including self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure, exposure to high temperatures above 120F can cause bursting.

**HAZARDOUS DECOMPOSITION PRODUCTS:** oxides of carbon

**SECTION 5 NOTES:**

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

**SECTION 6 NOTES:** Keep out of reach of children.

# MATERIAL SAFETY DATA SHEET

Foam Glo

FILE NO.: 5390

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Store in a cool dry area. Do not use or store near heat or open flame. Exposure to temperatures above 120 F may cause bursting.

**OTHER PRECAUTIONS:**

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROLS:

**VENTILATION:** Ambient suitable, forced ventilation should not be required

**RESPIRATORY PROTECTION:** Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

**EYE PROTECTION:** Safety glasses always recommended when using chemicals.

**SKIN PROTECTION:** None

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

**WORK HYGIENIC PRACTICES:** Wash hands with soap and water.

**EXPOSURE GUIDELINES:**

**SECTION 8 NOTES:**

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** White Foam

**PHYSICAL STATE:** Liquid

**BOILING POINT:** F: >212 C: >100

**FREEZING POINT:** F: not tested C:

**VAPOR PRESSURE (mmHg):** 17.5 @ F: 77 C: 25

**VAPOR DENSITY (AIR = 1):** <1 @ F: 77 C: 25

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.00 @ F: 77 C: 25

**ODOR:** Mild ammonium, citrus odor

**pH AS SUPPLIED:** N/A

**MELTING POINT:** F: not tested C:

**EVAPORATION RATE (Butyl Acetate =1):** <1

**VOLATILE ORGANIC COMPOUNDS (VOC):** 16%

**SOLUBILITY IN WATER:** 100%

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** STABLE X

UNSTABLE

**CONDITIONS TO AVOID (STABILITY):** Temperatures above 120F

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizers, Alkalies, Acids

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of carbon

**HAZARDOUS POLYMERIZATION:** None

**CONDITIONS TO AVOID (POLYMERIZATION):** None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** 2-Butoxy Ethanol - 111-76-2; Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450ppm/4H; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** 2-Butoxy Ethanol - 111-76-2 - LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life. **SECTION 12 NOTES:** 2-Butoxy Ethanol - 111-76-2 -This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, State and Federal regulations. Waste Disposal Method: Wrap container and place in trash collection and do not puncture or incinerate container.

**RCRA HAZARD CLASS:** Considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

# MATERIAL SAFETY DATA SHEET

Foam Glo

FILE NO.: 5390

MSDS DATE: 5/10/12

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** Consumer Commodity

**HAZARD CLASS:** ORM-D

**ID NUMBER:**

**PACKING GROUP:**

### WATER TRANSPORTATION

**PROPER SHIPPING NAME:** Aerosols LTD Qty Class 2

**HAZARD CLASS:** 2.2

**ID NUMBER:** 1950

**PACKING GROUP:** N/A

### AIR TRANSPORTATION

**PROPER SHIPPING NAME:** Aerosols LTD Qty Class 2

**HAZARD CLASS:** 2.2

**ID NUMBER:** 1950

**PACKING GROUP:** N/A

### OTHER AGENCIES:

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All Chemicals are listed

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** none

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** none

**311/312 HAZARD CATEGORIES:** 2-BUTOXY ETHANOL - 111-76-2 – Acute immediate health hazard, Delayed chronic health hazard

**313 REPORTABLE INGREDIENTS:** 2-BUTOXY ETHANOL - 111-76-2 – reporting threshold 1%

**STATE REGULATIONS:** This product contains no known chemicals regulated by California's proposition 65.

New Jersey's Worker and community Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2

Massachusetts' Right to Know Law: 2-BUTOXY ETHANOL - 111-76-2

Pennsylvania's Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2

### INTERNATIONAL REGULATIONS:

**EINECS:** 2-Butoxy Ethanol - 111-76-2;

**Japan:** 2-Butoxy Ethanol - 111-76-2;

**DSCL (EEC):** 2-Butoxy Ethanol - 111-76-2; **NDSL:**

**WHMIS (Canada):** 2-Butoxy Ethanol - 111-76-2;

**Australia:** 2-Butoxy Ethanol - 111-76-2;

**Korea:** 2-Butoxy Ethanol - 111-76-2;

### SECTION 15 NOTES:

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## SECTION 16: OTHER INFORMATION

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### OTHER INFORMATION:

### PREPARATION INFORMATION: Juanita Mercure

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