



Safety Data Sheet

Revision Date: 6/10/2019

Emergency Phone: Chem-Tel (800) 255-3924

Section 1: Identification

Product Name: Fire Fighting Foam

Code:

Chemical Type: Liquid

Manufacturer/Supplier:

Gold Coast Chemicals
7575 NW 74th Ave
Medley, Florida 33166
Phone: (954) 893-0044

Section 2: Hazard(s) Identification

GHS-US classification

Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT RE 2 H373

Classification of the substance or mixture:

Not classified.



Label elements

Signal word: Warning

Hazard statements: Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

Do not breathe mist, spray

Wash thoroughly after handling

Wear eye protection, protective clothing, protective gloves

If on skin: Wash with plenty of water

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Get medical advice/attention if you feel unwell

Specific treatment (see First aid measures on this label)

If skin irritation occurs: Get medical advice/attention

If eye irritation persists: get medical advice/attention

Take off contaminated clothing and wash it before reuse

Dispose of contents/container to comply with local/regional/national/international regulations

Other Hazards

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

Section 3: Composition/Information on Ingredients

Substance or mixture: Mixture

Other means of identification: Not available.

CAS number/other identifiers

| Hazardous Components | | | |
|--|------------|---------|---|
| Chemical Name | CAS | % | GHS-US Classification |
| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether | 112-34-5 | 7-13 | Eye irrit. 2A, H319 |
| Sodium (C14-16) olefin sulfonate | 68439-57-6 | 7-13 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye irrit. 2A, H319 |
| ethanediol, ethylene glycol | 107-21-1 | 3-7 | Acute Tox. 4 (Oral), H302 STOT RE 2, H373 |
| Cocamidopropyl Hydroxy Sultaine | 68139-30-0 | 5-Jan | Skin Irrit. 2, H315 Eye irrit. 2A, H319 |
| C12-13 ALCOHOLS | 75782-86-4 | 0.5-1.5 | Eye irrit. 2A, H319 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

Section 4: First-Aid Measures

Description of first aid measures

| | |
|---------------------|--|
| General | If you feel unwell, seek medical advice (show the label where possible). |
| Inhalation | Remove the victim to fresh air. |
| Skin Contact | remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation or rash occurs, get medical advice/attention. |
| Eye Contact | Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. |
| Ingestion | Rinse mouth with water. Do NOT induce vomiting. |

Most important symptoms/effects, acute and delayed

| | |
|-------------------------|---|
| Symptoms/Effects | Causes skin irritation. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure. |
| Inhalation | None under normal use. |
| Skin Contact | Causes skin irritation. |
| Eye Contact | Causes serious eye irritation. |
| Ingestion | Gastrointestinal complaints. |

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures**Extinguishing media**

| | |
|---|--|
| Suitable extinguishing media | Adapt extinguishing media to the environment |
| Specific hazards arising from the chemical | The product is non-reactive under normal conditions of use, storage and transport. Thermal decomposition may produce carbon oxides. |
| Firefighting Instructions | Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water. |
| Protection for fire-fighters | Do not enter fire area without proper protective equipment, including respiratory protection. |

Section 6: Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

| | |
|------------------------------------|--|
| For non-emergency personnel | No action shall be taken involving any personal risk or without suitable training. Isolate from fire, if possible, without unnecessary risk. Protective equipment includes protective goggles, gloves, and protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area. |
| For emergency responders | Equip cleanup crew with proper protection. Stop leak if safe to do so. Stop release. Ventilate area. |
| Environmental precautions | Avoid release to the environment. Prevent entry to sewers and public waters. |

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| For containment | Contain released substance, pump into suitable containers. |
| Methods for cleaning up | This material and it's container must be disposed of in a safe way, and as per local legislation. |

Section 7: Handling and Storage**Precautions for safe handling**

| | |
|--------------------------------------|---|
| Precautions for safe handling | Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. |
| Hygiene measures | Wash thoroughly after handling. Wash contaminated clothing before reuse. |

Conditions for safe storage, including any incompatibilities

| | |
|-----------------------------------|---|
| Technical measures | Comply with applicable regulations. |
| Storage conditions | Keep container closed when not in use. |
| Incompatible products | Strong acids. |
| Storage area | Meet the legal requirements. Store in a cool area. Store in a dry area. |
| Special rules on packaging | Meet the legal requirements. |

Section 8: Exposure Controls/Personal Protection**Control parameters****C12-13 ALCOHOLS (75782-86-4)**

not applicable

ethanediol, ethylene glycol (107-21-1)

| | | |
|-------|---------------------------------|---------------------------|
| ACGIH | ACGIH TWA (ppm) | 25 ppm |
| ACGIH | ACGIH STEL (mg/m ³) | 10 mg/m ³ |
| ACGIH | ACGIH STEL (ppm) | 50 ppm |
| ACGIH | Remark (ACGIH) | Kidney dam; URT & eye irr |

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)

| | | |
|-------|-----------------|--------|
| ACGIH | ACGIH TWA (ppm) | 10 ppm |
|-------|-----------------|--------|

Sodium (C14-16) olefin sulfonate (68439-57-6)

Not applicable

Cocamidopropyl Hydroxy Sultaine (68139-30-0)

Not applicable

Exposure guidelines

| | |
|---|--|
| Appropriate engineering controls | Emergency eye wash fountain with clean water. |
| Personal protective equipment | Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Protective clothing. Gloves. |

Section 9: Physical and Chemical Properties

| | |
|----------------------------------|-------------------------------|
| Physical state | Liquid |
| Appearance | Clear. Slight yellow. Liquid. |
| Odor | Mild odor |
| Odor threshold | Not available |
| pH | 9-10 |
| Melting Point | Not available |
| Freezing Point | Not available |
| Boiling Point | Not available |
| Flash Point | > 200.0°F Closed Cup |
| Relative Evaporation Rate | Not available |

| | |
|--|-------------------|
| Flammability (solid, gas) | Not available |
| Explosion Limits | Not available |
| Explosive Properties | Not available |
| Oxidizing Properties | Not available |
| Vapor Pressure | Not available |
| Relative Density | Not available |
| Relative Vapor Density at 20 °C | Not available |
| Specific Gravity / Density | 1.03 g/ml |
| Solubility | Soluble in water. |
| Log Pow | Not available |
| Log Kow | Not available |
| Auto-ignition Temperature | Not available |
| Decomposition Temperature | Not available |
| Viscosity | Not available |
| Viscosity, kinematic | Not available |
| Viscosity, dynamic | Not available |
| VOC Content | < 0.1% |

Section 10: Stability and Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport. Thermal decomposition may produce carbon oxides.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Refer to section 10 on reactivity.

Conditions to avoid: No additional information available

Incompatible materials: Acids.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Acute toxicity

| Ingredient name | Result | Species | Dose |
|--|------------------|---------|-----------------------------|
| C12-13 ALCOHOLS (75782-86-4) | LD50 Oral | Rat | > 2000 mg/kg |
| | LD50 Dermal | Rabbit | > 2000 mg/kg |
| ethanediol, ethylene glycol (107-21-1) | LD50 Oral | Rat | 4700 mg/kg |
| | LD50 Dermal | Rabbit | 10626 mg/kg |
| | ATE CLP (Oral) | | 500.000 mg/kg body weight |
| | ATE CLP (Dermal) | | 10626.000 mg/kg body weight |

Skin corrosion/irritation

Causes skin irritation. pH 9-10

Serious eye damage/eye irritation

Causes serious eye irritation. pH 9-10

Respiratory or skin sensitization

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

| | |
|---|--|
| Specific target organ toxicity (single exposure) | Not classified |
| Specific target organ toxicity (repeated exposure) | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | Not classified. |
| Symptoms/injuries after inhalation | None under normal use. |
| Symptoms/injuries after skin contact | Causes skin irritation. |
| Symptoms/injuries after eye contact | Causes serious eye irritation. |
| Symptoms/injuries after ingestion | Gastrointestinal complaints. |
| Likely routes of exposure | Skin and eye contact |

Section 12: Ecological information

| | |
|--------------------------------------|-------------------------------------|
| Toxicity | No additional information available |
| Persistence and degradability | No additional information available |
| Bioaccumulative potential | No additional information available |

Section 13: Disposal considerations

Waste disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14: Transport information

| | |
|---|--|
| Department of Transportation (DOT) | Not regulated for transport |
| Additional Information | No supplementary information available |
| ADR | No additional information available |
| Transport by sea | No additional information available |
| Air Transport | No additional information available |

Section 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

| | | |
|---|------------------|-------|
| ethanediol, ethylene glycol | CAS-No. 107-21-1 | 3-7% |
| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether | CAS-No. 112-34-5 | 7-13% |
| ethanediol, ethylene glycol (107-21-1) | | |
| Subject to reporting requirements of United States SARA Section 313 | | |

| | |
|-----------|---------|
| CERCLA RQ | 5000 lb |
|-----------|---------|

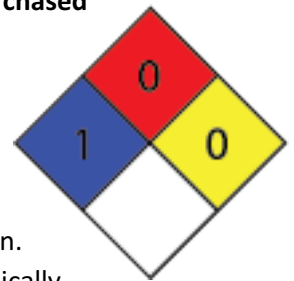
California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm.

Section 16: Other information

Training advice Normal use of this product shall imply use in accordance with the instructions on the packaging.

| | | |
|--------------------------------|------|---|
| Full text of H-phrases: | H302 | Harmful if swallowed |
| | H315 | Causes skin irritation |
| | H319 | Causes serious eye irritation |
| | H373 | May cause damage to organs through prolonged or repeated exposure |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.



The customer is responsible for determining the PPE code for this material.

National Fire Protection Association:

- Health: 1 - materials that, under emergency conditions, can cause significant irritation.
- Flammability: 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
- Reactivity: 0 - Material that in themselves are normally stable, even under fire exposure conditions.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes 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 user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist