



# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** CLAIRE DISINFECTANT SPRAY Q

**Other means of identification**

**SDS number:** RE1000038701

**Recommended restrictions**

**Recommended use:** Disinfectant

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information**

**Manufacturer**

**Company Name:** CLAIRE MANUFACTURING COMPANY  
**Address:** 1000 Integram Dr  
Pacific, MO 63069  
US  
**Telephone:** 1-630-543-7600

**Emergency telephone number:** 1-866-836-8855

## 2. Hazard(s) identification

**Hazard Classification**

**Physical Hazards**

Flammable aerosol Category 1

**Health Hazards**

Serious Eye Damage/Eye Irritation Category 2A

Skin sensitizer Category 1

Specific Target Organ Toxicity -  
Repeated Exposure Category 2

**Label Elements**

**Hazard Symbol:**



**Signal Word:** Danger

**Hazard Statement:** Extremely flammable aerosol.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause damage to organs through prolonged or repeated exposure.



### Precautionary Statements

- Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray.
- Response:** 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 advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Get medical advice/attention if you feel unwell. Specific treatment (see on this label). Wash contaminated clothing before reuse.
- Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):** None.

### 3. Composition/information on ingredients

#### Mixtures

| Chemical Identity   | CAS number | Content in percent (%)* |
|---|------------|-------------------------|
| Ethanol   | 64-17-5    | 10 - <20%               |
| Ethanol, 2-(2-butoxyethoxy)-  | 112-34-5   | 10 - <20%               |
| Propane   | 74-98-6    | 1 - <5%                 |
| Butane  | 106-97-8   | 1 - <5%                 |
| Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4)               | 64-02-8    | 1 - <3%                 |
| 2-Propanol, 2-methyl-   | 75-65-0    | 0.1 - <1%               |
| Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides | 85409-23-0 | 0.1 - <0.25%            |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** The components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

- Inhalation:** Move to fresh air.
- Skin Contact:** If skin irritation occurs: Get medical advice/attention. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.



**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

**Ingestion:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

**Personal Protection for First-aid Responders:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Get medical attention if symptoms occur.

**5. Fire-fighting measures**

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Accidental release measures:** Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.



**Methods and material for containment and cleaning up:**

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

**Environmental Precautions:**

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

**7. Handling and storage**

**Handling**

**Technical measures (e.g. Local and general ventilation):**

No data available.

**Safe handling advice:**

Avoid contact with eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with eyes, skin, and clothing.

**Contact avoidance measures:**

No data available.

**Storage**

**Safe storage conditions:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 1

**Safe packaging materials:**

No data available.

**Storage Temperature:**

No data available.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity   | Type | Exposure Limit Values | Source  |
|---|------|-----------------------|---|
| Ethanol   | REL  | 1,000 ppm 1,900 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|   | PEL  | 1,000 ppm 1,900 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended |
|   | TWA  | 1,000 ppm 1,900 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
|   | STEL | 1,000 ppm             | US. ACGIH Threshold Limit Values, as amended                                  |
| Ethanol, 2-(2-butoxyethoxy)-<br>- Inhalable fraction and vapor. | TWA  | 10 ppm                | US. ACGIH Threshold Limit Values, as amended                                  |
| Propane   | REL  | 1,000 ppm 1,800 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|   | PEL  | 1,000 ppm 1,800 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended |
|   | TWA  | 1,000 ppm 1,800 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
| Butane  | REL  | 800 ppm 1,900 mg/m3   | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|   | STEL | 1,000 ppm             | US. ACGIH Threshold Limit Values, as amended                                  |
|   | TWA  | 800 ppm 1,900 mg/m3   | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
| 2-Propanol, 2-methyl-   | STEL | 150 ppm 450 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|   | TWA  | 100 ppm 300 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
|   | PEL  | 100 ppm 300 mg/m3     | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended |



|  |           |         |           |   |
|--|-----------|---------|-----------|---|
|  | TWA       | 100 ppm |           | US. ACGIH Threshold Limit Values, as amended                                  |
|  | STEL      | 150 ppm | 450 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
|  | REL       | 100 ppm | 300 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
| 2,6-Octadienal, 3,7-dimethyl-<br>- Inhalable fraction and vapor. | TWA       | 5 ppm   |           | US. ACGIH Threshold Limit Values, as amended                                  |
| Sodium hydroxide (Na(OH))  | Ceiling   |         | 2 mg/m3   | US. ACGIH Threshold Limit Values, as amended                                  |
|  | Ceiling   |         | 2 mg/m3   | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
|  | Ceil_Time |         | 2 mg/m3   | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|  | PEL       |         | 2 mg/m3   | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended |
| Ethanol, 2-butoxy-   | TWA       | 20 ppm  |           | US. ACGIH Threshold Limit Values, as amended                                  |
|  | REL       | 5 ppm   | 24 mg/m3  | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|  | PEL       | 50 ppm  | 240 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended |
|  | TWA       | 25 ppm  | 120 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
| Ammonium hydroxide ((NH4)(OH))                                   | STEL      | 35 ppm  |           | US. ACGIH Threshold Limit Values, as amended                                  |
|  | TWA       | 25 ppm  |           | US. ACGIH Threshold Limit Values, as amended                                  |
|  | STEL      | 35 ppm  | 27 mg/m3  | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended                           |
|  | STEL      | 35 ppm  | 27 mg/m3  | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|  | REL       | 25 ppm  | 18 mg/m3  | US. NIOSH: Pocket Guide to Chemical Hazards, as amended                       |
|  | PEL       | 50 ppm  | 35 mg/m3  | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended |

### Biological Limit Values

| Chemical Identity   | Exposure Limit Values          | Source    |
|---|--------------------------------|-----------|
| Ethanol, 2-butoxy- (Butoxyacetic acid (BAA), with hydrolysis: Sampling time: End of shift.) | 200 mg/g (Creatinine in urine) | ACGIH BEL |

### Exposure guidelines

|                               |  |                                   |
|-------------------------------|--|-----------------------------------|
| 2,6-Octadienal, 3,7-dimethyl- | US. ACGIH Threshold Limit Values, as amended | Can be absorbed through the skin. |
|-------------------------------|--|-----------------------------------|

#### Appropriate Engineering Controls

No data available.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection:

Wear safety glasses with side shields (or goggles).

#### Skin Protection

##### Hand Protection:

No data available.

##### Skin and Body Protection:

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

##### Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

##### Hygiene measures:

Avoid contact with eyes. Observe good industrial hygiene practices. When using do not smoke. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.



## 9. Physical and chemical properties

### Appearance

|   |                           |
|---|---------------------------|
| <b>Physical state:</b>                          | liquid                    |
| <b>Form:</b>                                    | Spray Aerosol             |
| <b>Color:</b>                                   | No data available.        |
| <b>Odor:</b>                                    | No data available.        |
| <b>Odor Threshold:</b>                          | No data available.        |
| <b>pH:</b>                                      | No data available.        |
| <b>Freezing point:</b>                          | No data available.        |
| <b>Boiling Point:</b>                           | No data available.        |
| <b>Flash Point:</b>                             | -104.44 °C                |
| <b>Evaporation Rate:</b>                        | No data available.        |
| <b>Flammability (solid, gas):</b>               | No data available.        |
| <b>Explosive limit - upper (%):</b>             | No data available.        |
| <b>Explosive limit - lower (%):</b>             | No data available.        |
| <b>Vapor pressure:</b>                          | 5,171 - 6,550 hPa (20 °C) |
| <b>Vapor density (air=1):</b>                   | No data available.        |
| <b>Density:</b>                                 | No data available.        |
| <b>Relative density:</b>                        | No data available.        |
| <b>Solubility in Water:</b>                     | No data available.        |
| <b>Solubility (other):</b>                      | No data available.        |
| <b>Partition coefficient (n-octanol/water):</b> | No data available.        |
| <b>Self Ignition Temperature:</b>               | No data available.        |
| <b>Decomposition Temperature:</b>               | No data available.        |
| <b>Kinematic viscosity:</b>                     | No data available.        |
| <b>Dynamic viscosity:</b>                       | No data available.        |
| <b>Explosive properties:</b>                    | No data available.        |
| <b>Oxidizing properties:</b>                    | No data available.        |

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Reactivity:</b>                         | No data available.                          |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions. |
| <b>Possibility of hazardous reactions:</b> | No data available.                          |
| <b>Conditions to avoid:</b>                | Avoid heat or contamination.                |
| <b>Incompatible Materials:</b>             | No data available.                          |
| <b>Hazardous Decomposition Products:</b>   | No data available.                          |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |



**Eye contact:** No data available.

**Ingestion:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** ATEmix: 16,286.29 mg/kg

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Repeated dose toxicity**

**Product:** No data available.

**Components:**

Ethanol NOAEL (Rat(Male), Oral, 7 - 14 Weeks): 10 %(m) Oral Experimental result, Key study

Ethanol, 2-(2-butoxyethoxy)- NOAEL (Rat(Female, Male), Inhalation, 90 - 120 d): 14 ppm(m) Inhalation Experimental result, Key study  
NOAEL (Rat(Female, Male), Oral, 90 d): 250 mg/kg Oral Experimental result, Key study  
NOAEL (Rat(Female, Male), Dermal, 13 Weeks): > 2,000 mg/kg Dermal Experimental result, Key study

Propane NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study  
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study

Butane LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study  
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study

Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) LOAEL (Rat(Male), Inhalation, 1 - 5 d): 30 mg/m<sup>3</sup> Inhalation Read-across from supporting substance (structural analogue or surrogate), Key study

**Skin Corrosion/Irritation**

**Product:** No data available.

**Components:**

Ethanol in vivo (Rabbit): Not irritant

Ethanol, 2-(2-butoxyethoxy)- in vivo (Rabbit): Not irritant



Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4)  
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides

in vivo (Rabbit): Not irritant  
Assessment Corrosive

### Serious Eye Damage/Eye Irritation

**Product:** No data available.

**Components:**

Ethanol Rabbit, 1 - 24 hrs: Not irritating  
Ethanol, 2-(2-butoxyethoxy)- Rabbit, 24 - 72 hrs: Highly irritating

### Respiratory or Skin Sensitization

**Product:** No data available.

**Components:**

Ethanol Skin sensitization:, in vivo (Guinea pig): Non sensitising  
Ethanol, 2-(2-butoxyethoxy)- Skin sensitization:, in vivo (Guinea pig): Non sensitising  
Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) Skin sensitization:, in vivo (Guinea pig): Non sensitising

### Carcinogenicity

**Product:** No data available.

### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

### US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogenic components identified

### Germ Cell Mutagenicity

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

### Reproductive toxicity

**Product:** No data available.

### Specific Target Organ Toxicity - Single Exposure

**Product:** No data available.

**Components:**

2-Propanol, 2-methyl- Inhalation - dust and mist: Respiratory tract irritation. - Category 3 with respiratory tract irritation.





**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

Ethanol LC 50 (Pimephales promelas, 96 h): 15.3 g/l Experimental result, Key study

Ethanol, 2-(2-butoxyethoxy)- LC 50 (Pimephales promelas, 96 h): 2,400 mg/l Experimental result, Supporting study

Propane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Butane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Glycine, N,N'-1,2-ethanediylbis[N-

(carboxymethyl)-, sodium salt (1:4) NOAEL (Lepomis macrochirus, 96 h): 88 mg/l Experimental result, Key study  
LC 50 (Lepomis macrochirus, 96 h): 121 mg/l Experimental result, Key study

2-Propanol, 2-methyl- LC 50 (Pimephales promelas, 96 h): > 961 mg/l Experimental result, Key study  
NOAEL (Pimephales promelas, 96 h): 961 mg/l Experimental result, Key study

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides EC 50 (96 h): < 10 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

Ethanol LC 50 (Ceriodaphnia dubia, 48 h): 5,012 mg/l Experimental result, Key study

Ethanol, 2-(2-butoxyethoxy)- LC 50 (Daphnia magna, 48 h): +/- 1,743 mg/l QSAR QSAR, Supporting study

Butane LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study

Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) EC 50 (Daphnia magna, 24 h): 610 mg/l Experimental result, Key study

2-Propanol, 2-methyl- NOAEL (Daphnia magna, 48 h): 180 mg/l Experimental result, Key study  
EC 50 (Daphnia magna, 48 h): 933 mg/l Experimental result, Key study



Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides EC 50 : 0.015 mg/l

### Chronic hazards to the aquatic environment:

#### Fish

**Product:** No data available.

#### Components:

Ethanol NOAEL (Oryzias latipes): 7,900 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study

Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) NOAEL (Danio rerio):  $\geq$  25.7 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study

2-Propanol, 2-methyl- NOAEL (Clarias gariepinus): 332 mg/l Experimental result, Key study

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides NOEC (28 d): 0.032 mg/l

#### Aquatic Invertebrates

**Product:** No data available.

#### Components:

Ethanol LC 50 (Daphnia magna): 454 mg/l Experimental result, Key study  
NOAEL (Daphnia magna): 9.6 mg/l Experimental result, Key study

Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) NOAEL (Daphnia magna): 25 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study

#### Toxicity to Aquatic Plants

**Product:** No data available.

### Persistence and Degradability

#### Biodegradation

**Product:** No data available.

#### Components:

Ethanol 95 % Detected in water. Experimental result, Key study

Ethanol, 2-(2-butoxyethoxy)- 85 % (28 d) Detected in water. Experimental result, Key study

Propane 100 % (385.5 h) Detected in water. Experimental result, Key study  
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

Butane 100 % (385.5 h) Detected in water. Experimental result, Key study



Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) 90 - 100 % (28 d) Detected in water. Read-across from supporting substance (structural analogue or surrogate), Weight of Evidence study

2-Propanol, 2-methyl- 2.6 - 5.1 % (29 d) Detected in water. Experimental result, Key study

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Components:**

Ethanol Cyprinus carpio, Bioconcentration Factor (BCF): 4.5 Aquatic sediment Read-across from supporting substance (structural analogue or surrogate), Supporting study

Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) Lepomis macrochirus, Bioconcentration Factor (BCF): 1.8 Aquatic sediment Experimental result, Key study

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

**Components:**

Ethanol No data available.  
Ethanol, 2-(2-butoxyethoxy)- No data available.  
Propane No data available.  
Butane No data available.  
Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) No data available.  
2-Propanol, 2-methyl- No data available.  
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides No data available.

**Other adverse effects:** No data available.

**13. Disposal considerations**

**Disposal instructions:** Wash before disposal. Dispose to controlled facilities.

**Contaminated Packaging:** No data available.

**14. Transport information**

**DOT**

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es)  
Class: 2.1  
Label(s): -  
EmS No.: -  
Packing Group: -  
Special precautions for user: Not regulated.



#### IATA

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es):  
Class: 2.1  
Label(s): -  
Packing Group: -  
Special precautions for user: Not regulated.  
Other information  
Passenger and cargo aircraft: Allowed. 203  
Cargo aircraft only: Allowed. 203

#### IMDG

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es):  
Class: 2  
Label(s): -  
EmS No.: -  
Packing Group: -  
Special precautions for user: Not regulated.

### 15. Regulatory information

#### US Federal Regulations

Restrictions on use: Not known.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4):

##### Chemical Identity

GLYCOL ETHERS

UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY

RCRA HAZARDOUS WASTE NO. D001

SODIUM HYDROXIDE

GLYCOL ETHERS

AMMONIUM HYDROXIDE

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### Hazard categories

Flammable aerosol, Serious Eye Damage/Eye Irritation, Skin sensitizer, Specific Target Organ Toxicity - Repeated Exposure

#### US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

#### US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

##### Chemical Identity

Ethanol, 2-(2-butoxyethoxy)-

##### % by weight

1.0%



**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

**US State Regulations**

**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act**

**Chemical Identity**

Ethanol  
Ethanol, 2-(2-butoxyethoxy)-  
Propane  
Butane

**US. Massachusetts RTK - Substance List**

**Chemical Identity**

Glycine, N,N-bis(carboxymethyl)-, sodium salt (1:3)

**US. Pennsylvania RTK - Hazardous Substances**

**Chemical Identity**

Ethanol  
Ethanol, 2-(2-butoxyethoxy)-  
Propane  
Butane

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable



**Inventory Status:**

|   |  |
|---|--|
| Australia AICS                          | Not in compliance with the inventory.  |
| Canada DSL Inventory List               | Not in compliance with the inventory.  |
| Canada NDSL Inventory                   | Not in compliance with the inventory.  |
| Ontario Inventory                       | Not in compliance with the inventory.  |
| China Inv. Existing Chemical Substances | On or in compliance with the inventory |
| Japan (ENCS) List                       | Not in compliance with the inventory.  |
| Japan ISHL Listing                      | Not in compliance with the inventory.  |
| Japan Pharmacopoeia Listing             | Not in compliance with the inventory.  |
| Korea Existing Chemicals Inv. (KECI)    | Not in compliance with the inventory.  |
| Mexico INSQ                             | Not in compliance with the inventory.  |
| New Zealand Inventory of Chemicals      | On or in compliance with the inventory |
| Philippines PICCS                       | Not in compliance with the inventory.  |
| Taiwan Chemical Substance Inventory     | On or in compliance with the inventory |
| US TSCA Inventory                       | On or in compliance with the inventory |
| EINECS, ELINCS or NLP                   | Not in compliance with the inventory.  |

**16. Other information, including date of preparation or last revision**

**Issue Date:** 09/15/2020

**Revision Information:** No data available.

**Version #:** 1.1

**Further Information:** FIFRA: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.