

Section 1 ~ Identification

Identity (As Used On Label and List) A1107 ENVIRO CLEAN	Date Prepared: 11/19/23
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27 TH STREET	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications

Physical Hazards

Flammable aerosol Category 1

Health Hazards

Serious Eye Damage/Eye Irritation Category 2A

Skin sensitizer Category 1

Toxic to reproduction Category 1B

Environmental Hazards

Acute hazards to the aquatic environment

Category 3

Label Elements



Signal Word: DANGER

Hazard Statement

Extremely flammable aerosol.

Causes serious eye irritation.

May cause an allergic skin reaction.

May damage fertility or the unborn child.

Harmful to aquatic life.

Precautionary Statement

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. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.

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. IF exposed or concerned: Get medical advice/attention. 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. Store locked up.

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.

Other Hazards

None

Unknown acute toxicity

N/A

Section 3 ~ Composition/Information on Ingredients

<u>Chemical Identity</u>	<u>CAS number</u>	<u>Content in percent (%)*</u>
Butane	106-97-8	1 - <5%
Propane	74-98-6	1 - <5%
Proprietary Fragrance		0.1 - <1%
Borax (B ₄ Na ₂ O ₇ ·10H ₂ O)	1303-96-4	0.1 - <0.3%
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	0.1 - <1%
Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-], sodium salt (1:4)	64-02-8	0.1 - <1%

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

The exact concentration has been withheld as a trade secret.

Section 4 ~ 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.
Symptoms:	No data available.
Hazards:	No data available.
Treatment:	Get medical attention if symptoms occur.

Section 5 ~ Firefighting 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.

Section 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 the 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: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer.

Section 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. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. 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.

Store locked up. Aerosol Level 1

Safe packaging materials: No data available.

Storage Temperature: No data available.

Section 8 ~ Exposure Controls/Personal Protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Butane	REL	800 ppm 1,900 mg/m ³	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/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	1,000 ppm 1,800 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Propane	REL	1,000 ppm 1,800 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm 1,800 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm 1,800 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	5 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Borax (B ₄ Na ₂ O ₇ ·10H ₂ O)	REL	5 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	10 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Borax (B ₄ Na ₂ O ₇ ·10H ₂ O) - Inhalable fraction	STEL	6 mg/m ³	US. ACGIH Threshold Limit Values, as amended
	TWA	2 mg/m ³	US. ACGIH Threshold Limit Values, as amended
1,2-Ethanediol	Ceiling	50 ppm 125 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
1,2-Ethanediol - Vapor fraction	TWA	25 ppm	US. ACGIH Threshold Limit Values, as amended
	STEL	50 ppm	US. ACGIH Threshold Limit Values, as amended
1,2-Ethanediol - Aerosol, inhalable	STEL	10 mg/m ³	US. ACGIH Threshold Limit Values, as amended
Ethanol, 2-ethoxy-	TWA	5 ppm	US. ACGIH Threshold Limit Values, as amended
	REL	0.5 ppm 1.8 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	200 ppm 740 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	200 ppm 740 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended

Biological Limit Values

Chemical Identity

Ethanol, 2-ethoxy- (2-Ethoxyacetic acid: Sampling time: End of shift at end of work week.)

Exposure Limit Values

100 mg/g (Creatinine in urine)

Source

ACGIH BEL

Exposure guidelines

Ethanol, 2-ethoxy- 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. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

Section 9 ~ Physical and Chemical Properties

Physical state: liquid

Form: Spray Aerosol

Color: No data available.

Odor: No data available.

Odor Threshold: No data available.

pH: 8.5 - 9.5

Freezing point: No data available.

Boiling Point: 100 °C

Flash Point: -104.4 °C

Evaporation Rate: No data available.

Flammability (solid, gas): No data available.

Explosive limit - upper (%): No data available.

Explosive limit - lower (%): No data available.

Vapor pressure: 3,102 - 4,481 hPa (20 °C)

Vapor density (air=1): No data available.

Density: Estimated 0.927 g/cm³

Relative density: No data available.

Solubility in Water: No data available.

Solubility (other): No data available.

Partition coefficient (n-octanol/water): No data available.

Self Ignition Temperature: No data available.

Decomposition Temperature: No data available.

Kinematic viscosity: No data available.

Dynamic viscosity: No data available.

Explosive properties: No data available.

Oxidizing properties: No data available.

Section 10 ~ Stability and Reactivity

Reactivity: No data available.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: Avoid heat or contamination.

Incompatible Materials: No data available.

Hazardous Decomposition Products: No data available.

Section 11 ~ Toxicological Information

Information on likely routes of exposure

Inhalation: No data available.

Skin Contact: 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: Not classified for acute toxicity based on available data.

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:

Butane	LOAEL (Rat(Female, Male), Inhalation, \geq 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation, \geq 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
Propane	NOAEL (Rat(Female, Male), Inhalation, \geq 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study LOAEL (Rat(Female, Male), Inhalation, \geq 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	LOAEL (Rat(Female, Male), Oral, 90 - 117 d): 500 mg/kg Oral Experimental result, Key study
Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, sodium salt (1:4)]	LOAEL (Rat(Male), Inhalation, 1 - 5 d): 30 mg/m3 Inhalation Read-across from supporting substance (structural analogue or surrogate), Key study

Skin Corrosion/Irritation Product: No data available.

Components:

Proprietary Fragrance	Irritating.
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	in vivo (Rabbit): Irritating
Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, sodium salt (1:4)]	in vivo (Rabbit): Not irritant

Serious Eye Damage/Eye Irritation Product: No data available.

Components:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	Rabbit, 24 - 72 hrs: Highly irritating R41 Corrosive
--	--

Respiratory or Skin Sensitization Product: No data available.

Components:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Glycine, N,N'-1,2-ethanediybis[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.

Components:

Proprietary Fragrance	Suspected of damaging fertility or the unborn child.
Borax (B4Na2O7.10H2O)	May cause adverse reproductive effects - such as infertility based on animal data.

Specific Target Organ Toxicity - Single Exposure Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure Product: No data available.

Aspiration Hazard Product: No data available.

Other effects: No data available.

Section 12 ~ Ecological Information**Ecotoxicity:**

Acute hazards to the aquatic environment:

Fish Product: No data available.

Components:

Butane	LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
Propane	LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	LC 50 (Danio rerio, 96 h): 2.95 mg/l Experimental result, Key study
Glycine, N, N'-1,2-ethanediybis[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

Aquatic Invertebrates Product: No data available.

Components:

Butane	LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	EC 50 (Daphnia magna, 48 h): 14 mg/l Experimental result, Key study
Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, sodium salt (1:4)]	EC 50 (Daphnia magna, 24 h): 610 mg/l Experimental result, Key study

Chronic hazards to the aquatic environment:

Fish Product: No data available

Components:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	NOAEL (Danio rerio): 1.8 mg/l Experimental result, Key study
Glycine, N,N'-1,2-ethanediybis[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

Aquatic Invertebrates Product: No data available.

Components:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Glycine, N,N'-1,2-ethanediyibis[N-(carboxymethyl)-, sodium salt (1:4)

NOAEL (Daphnia magna): 2 mg/l Experimental result, Key study
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:

Butane
Propane

100 % (385.5 h) Detected in water. Experimental result, Key study
100 % (385.5 h) Detected in water. Experimental result, Key study
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study
88 % (28 d) Detected in water. Experimental result, Key study
90 - 100 % (28 d) Detected in water. Read-across from supporting
substance (structural analogue or surrogate), Weight of Evidence study

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Glycine, N,N'-1,2-ethanediyibis[N-(carboxymethyl)-, sodium salt (1:4)

BOD/COD Ratio Product: No data available.

Bioaccumulative potential Bioconcentration Factor (BCF) Product: No data available.

Components:

Glycine, N,N'-1,2-ethanediyibis[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:

Butane
Propane
Proprietary Fragrance
Borax (B4Na2O7.10H2O)
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Glycine, N,N'-1,2-ethanediyibis[N-(carboxymethyl)-, sodium salt (1:4)

No data available.
No data available.
No data available.
No data available.
No data available.
No data available.

Other adverse effects: Harmful to aquatic organisms.

Section 13 ~ Disposal Considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws.

Contaminated Packaging: No data available.

Section 14 ~ Transportation 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: II

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.

Section 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

UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY

RCRA HAZARDOUS WASTE NO. D001

GLYCOL ETHERS

SODIUM NITRITE

ETHYLENE GLYCOL

ETHYLENE GLYCOL MONOETHYL ETHER

2-ETHOXYETHANOL

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Flammable (gases, aerosols, liquids, or solids), Serious eye damage or eye irritation, Respiratory or Skin Sensitization, Reproductive toxicity

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

None present or none present in regulated quantities.

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

None present or none present in regulated quantities.

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**

WARNING

This product can expose you to chemicals including, 1,2-Ethandiol, Ethanol, 2-ethoxy- which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

Chemical Identity

Butane

Propane

US. Massachusetts RTK - Substance List

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

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Butane

Propane

US. Rhode Island RTK

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

International regulations**Montreal protocol**

Viable Bacterial Cultures

Stockholm convention

Viable Bacterial Cultures

Rotterdam convention
Viable Bacterial Cultures**Kyoto protocol****Inventory Status:**

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

Section 16 ~ Other Information

Disclaimer: Omega Industrial Supply, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. 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.

End of Safety Data Sheet