

Section 1 ~ Identification

Identity (As Used On Label and List) A1047 OXY FOAM	Date Prepared: 07-24-2019
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Physical Hazards	Flammable aerosols Category 1
Health Hazards	Skin sensitizer Category 1
Environmental Hazards	Acute hazards to the aquatic environment Category 2

Label Elements	 	Signal Word: Danger.
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Hazard Statement Extremely flammable aerosol. May cause an allergic skin reaction. Toxic 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. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
Response	If on Skin: Wash with plenty of water/ If skin irritation or rash occurs: 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.
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.

Section 3 ~ Composition/Information on Ingredients

Chemical Identity	CAS No.	Content in percent (%)*
Butane	106-97-8	5 – < 10 %
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-	5989-27-5	5 – < 10 %
Propane	74-98-6	1 – < 5 %
Ethanol, 2,2',2"-nitritoltris-	102-71-6	1 – < 5 %
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	34590-94-8	0.1 – < 1 %
1-Hexadecanol	36653-82-4	0.01 – < 1 %

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

Section 4 ~ First Aid Measures

Ingestion: Rinse mouth thoroughly.

Inhalation: Move to fresh air.

Skin Contact: 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: Rinse immediately with plenty of water.

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: No data available.

Section 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.

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.

Methods and Materials for Containment and Cleaning Up: Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

Notification Procedures: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

Environmental Precautions: Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

Section 7 ~ Handling and Storage

Precautions for Safe 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. Wash hands thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities: 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

Section 8 ~ Exposure Controls/Personal Protection**Control Parameters****Occupational Exposure Limits:****Chemical Identity**

Chemical Identity	Type	Value	Source	
Butane	REL	800 ppm 1,900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)	
	TWA	800 ppm 1,900 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)	
	STEL	1,000 ppm	US. ACGIH Threshold Limit Values (03 2018)	
	TWA	800 ppm 1,900 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)	
	AN ESL	3,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	AN ESL	7,100 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	TWA PEL	800 ppm 1,900 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)	
	ST ESL	66,000 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	ST ESL	28,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	Propane	REL	1,000 ppm 1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
PEL		1,000 ppm 1,800 mg/m3	US. OSHA Table Z-1-A Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)	
TWA PEL		1,000 ppm 1,800 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)	
TWA		1,000 ppm 1,800 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)	
TWA		1,000 ppm 1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)	
TWA PEL		5 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)	
Ethanol, 2,2',2"-nitrioltris-	ST ESL	50 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (2008)	
	AN ESL	5 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	Propanol, 1(or 2)-(2 methoxymethylethoxy)	STEL	150 ppm 900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
		TWA	100 ppm 600 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
		REL	100 ppm 600 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
PEL		100 ppm 600 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)	
ST ESL		3,100 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
TWA		100 ppm 600 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)	
Ethanol, 2,2'-iminobis-	STEL	150 ppm 900 mg/m3	US. ACGIH Threshold Limit Values (2009)	
	TWA	100 ppm	US. ACGIH Threshold Limit Values (2009)	
	TWA PEL	100 ppm 600 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)	
	STEL	150 ppm 900 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)	
	STEL	150 ppm 900 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)	
	STEL	150 ppm 900 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)	
	ST ESL	500 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	AN ESL	310 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	AN ESL	50 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	REL	3 ppm 15 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)	
	AN ESL	7 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
	TWA	3 ppm 15 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)	
	TWA PEL	0.46 ppm 2 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)	
	ST ESL	97 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)	
Ethanol, 2,2'-iminobis- - Inhalable fraction and vapor.	TWA	1 mg/m3	US. ACGIH Threshold Limit Values (2009)	
	TWA	3 ppm 15 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)	

Appropriate Engineering Controls: No data available.

Individual Protection Measures, Such as Personal Protective Equipment

General Information: Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/Face Protection: Wear goggles/face shield.

Skin Protection

Hand Protection: No data available.

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

Section 9 ~ Physical and Chemical Properties**Appearance**

Physical State: Liquid

Form: Spray Aerosol.

Color: No data available.

Odor: No data available.

Odor Threshold: No data available.

pH: No data available.

Melting Point/Freezing Point: No data available.

Initial Boiling Point and Boiling Range: No data available.

Flash Point: -104.44°C

Evaporation Rate: No data available.

Flammability (solid, gas): No data available.

Upper/Lower Flammability or Explosive Limits

Flammability Limit – Upper (%): No data available.

Flammability Limit – Lower (%): No data available.

Explosive Limit - Upper (%): No data available.

Explosive Limit - Lower (%): No data available.

Vapor Pressure: 758.417 - 896.311 hPa (50 °C)
3,447.3786 - 4,826.3301 hPa (20 °C)

Vapor Density: No data available.

Relative Density: No data available.

Solubility(ies)

Solubility (water): No data available.

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

Auto-Ignition Temperature: No data available.

Decomposition Temperature: No data available.

Viscosity: 270 mm²/s (100 °C)

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.
Skin Corrosion/Irritation Product: No data available.
Serious Eye Damage/Eye Irritation Product: No data available.
Respiratory or Skin Sensitization Product: No data available.

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): 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.

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.

Aquatic Invertebrates Product: No data available.

Chronic Hazards to the Aquatic Environment:

Fish Product: No data available.

Aquatic Invertebrates Product: No data available.

Toxicity to Aquatic Plants Product: No data available.

Persistence and Degradability

Biodegradation Product: No data available.

BOD/COD Ratio Product: No data available.

Bioaccumulative Potential

Bioconcentration Factor (BCF) Product: No data available.

Partition Coefficient n-octanol / water (log Kow) Product: No data available.

Mobility in Soil: No data available.

Known or Predicted Distribution to Environmental Compartments

Butane No data available.

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- No data available.

Propane No data available.

Ethanol, 2,2',2''-nitrolotris- No data available.

Propanol, 1(or 2)-(2-methoxymethylethoxy)- No data available.

1-Hexadecanol No data available.

Other Adverse Effects: Toxic 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	IATA	IMDG
UN Number: UN1950	UN Number: UN1950	UN Number: UN 1950
UN Proper Shipping Name: Aerosols, flammable	UN Proper Shipping Name: Aerosols, flammable	UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es)	Transport Hazard Class(es)	Transport Hazard Class(es)
Class: 2.1	Class: 2.1	Class: 2
Label(s) -	Label(s) -	Label(s): -
Packing Group: II	Packing Group: -	EmS No.: F-D, S-U
Marine Pollutant: No	Environmental Hazards: Yes	Packing Group: -
Environmental Hazards: No	Marine Pollutant: No	Environmental Hazards: Yes
Marine Pollutant: No	Special Precautions for User: Not regulated.	Marine Pollutant: No
Special Precautions for User: Not regulated.	Cargo Aircraft Only: Allowed.	Special Precautions for User: Not regulated.

Section 15 ~ Regulatory Information

US Federal Regulations

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

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity **Reportable quantity**

Butane lbs. 100

Propane lbs. 100

Ethanol, 2,2'-iminobis- lbs. 100

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories

Fire Hazard

Immediate (Acute) Health Hazards

Flammable aerosol

Skin sensitizer

SARA 302 Extremely Hazardous Substance: None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

Chemical Identity	Reportable Quantity
Butane	lbs. 100
Propane	lbs. 100
Ethanol, 2,2'-iminobis-	lbs. 100

SARA 311/312 Hazardous Chemical

Chemical Identity	Threshold Planning Quantity
Butane	10000 lbs
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-	10000 lbs
Propane	10000 lbs
Ethanol, 2,2',2''-nitritoltris-	10000 lbs
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	10000 lbs
1-Hexadecanol	10000 lbs
Ethanol, 2,2'-iminobis-	10000 lbs

SARA 313 (TRI Reporting) 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

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

Ethanol, 2,2'-iminobis- Carcinogenic. 07 2012

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

Chemical Identity

Butane
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-
Propane
Ethanol, 2,2',2''-nitritoltris-

US. Massachusetts RTK - Substance List

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

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Butane
9-Octadecenoic acid (9Z)-
Propane
Ethanol, 2,2',2''-nitritoltris-

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: On or 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: Not 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: 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.