

This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>B4001 MUSCLEMAN</b>	<b>Date Prepared:</b> 04-10-2014
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

**Classifications** This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)  
Serious Eye Damage/Eye Irritation Category 2  
Skin Sensitization Category 1

### GHS Label Elements, Including Precautionary Statements

**Emergency Overview** **Signal Word:** Warning

**Hazard Statements** Causes serious eye irritation. May cause an allergic skin reaction.



**Appearance** Colorless, (for liquid) **Physical State** Pre-moistened towelette **Odor** Orange

### Precautionary Statement

#### Prevention

Wash face, hands and any exposed skin thoroughly after handling. 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.

#### General Advice

Specific treatment (see supplemental first aid instructions on this label)

#### Eyes

**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.

#### Skin

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

#### Storage

None

#### Disposal

Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)** Not applicable

### Other Information

## Section 3 ~ Composition/Information on Ingredients

Chemical Name	CAS No.	%(Wt.)	Trade Secret
Alcohol, C12-15, Ethoxylated	68131-39-5	1 – 5	*
Hexahydro-1, 3, 5-tris (2-hydroxyethyl)-S-triazine	4719-04-4	0.1 – 1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4 ~ First Aid Measures

### Description of Necessary First-Aid Measures

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**Skin Contact:** None normally required. Material is designed for skin cleansing. Get medical attention if irritation develops and/or persists.

**Inhalation:** Move to fresh air. If symptoms persist, call a physician.

**Ingestion:** Not an expected route of exposure. If large quantities of this material are swallowed, call a physician immediately.

### Most Important Symptoms/Effects, Acute and Delayed

**Most Important Symptoms/Effects:** Not expected to give rise to an acute hazard under normal condition of use.

### Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

**Notes to Physician:** Treat symptomatically.

## Section 5 ~ Fire Fighting Measures

**Suitable Extinguishing Media:** Dry chemical. Carbon dioxide (CO 2). Foam. Water spray or fog.

**Unsuitable Extinguishing Media:** None

**Specific Hazards Arising from the Chemical:** None in particular

**Hazardous Combustion Products:** Carbon dioxide (CO 2). Carbon monoxide. Hydrocarbons. Hydrogen sulfide. Sulfur dioxide. Soot.

### Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

**Protective Equipment and Precautions for Firefighters:** Use water spray to cool surrounding containers.

## Section 6 ~ Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions:** Use personal protective equipment.

### Environmental Precautions

**Environmental Precautions:** Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. See Section 12 for additional Ecological Information

Dispose of contents/container to an approved waste disposal plant.

### Methods and Materials for Containment and Cleaning Up

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

### Methods for Cleaning Up

**Small spillage:** Wipe up with absorbent material (e.g. cloth, fleece).

**Large spillage:** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

## Section 7 ~ Handling and Storage

### Precautions for Safe Handling

**Handling:** Avoid contact with eyes. Do not smoke. Handle in accordance with good industrial hygiene and safety practice.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage:** Keep container closed when not in use. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Do not contaminate food or feed stuffs. Keep out of the reach of children.

**Incompatible Products:** Strong oxidizing agents. Strong acids.

## Section 8 ~ Exposure Controls/Personal Protection

### Control Parameters

**Exposure Guidelines:** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate Engineering Controls

**Engineering Measures:** Eyewash stations.

### Individual Protection Measures, Such as Personal Protective Equipment

**Eye/Face Protection:** None required under normal usage. Avoid contact with eyes. If direct contact possible: Safety glasses with side-shields.

**Skin and Body Protection:** No special protective equipment required.

**Respiratory Protection:** None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

## Section 9 ~ Physical and Chemical Properties

**Physical State:** Pre-moistened towelette

**Appearance:** Colorless (for liquid)

**Odor:** Orange

**Odor Threshold:** No information available

**pH:** 8.8 - 9.8

**Melting Point/Range:** No data available

**Boiling Point/Boiling Range:** 100°C/212 °F

**Flash Point:** None to boiling

**Evaporation Rate:** No data available

**Flammability (solid, gas):** No data available

### Flammability Limits in Air

**Upper Flammability Limit:** No data available

**Lower Flammability Limit:** No data available

**Vapor Pressure:** No data available

**Vapor Density:** > 1

**Specific Gravity:** 1.003

**Water Solubility:** Miscible with water

**Solubility in Other Solvents:** No data available

**Partition coefficient: n-octanol/water:** No data available

**Auto-Ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** No data available

**Flammable Properties:** Not flammable

**Explosive Properties:** No data available

**Oxidizing Properties:** No data available

### Other Information

**VOC Content (%):** 0.16%

### Remarks/ - Method

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

None known

## Section 10 ~ Stability and Reactivity

**Reactivity:** Not reactive under normal conditions.

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** None under normal processing.

**Conditions to Avoid:** Incompatible products.

**Incompatible Materials:** Strong oxidizing agents. Strong acids.

**Hazardous Decomposition Products:** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Hydrocarbons. Hydrogen sulfide. Sulfur dioxide. Soot.

## Section 11 ~ Toxicological Information

### Information on Likely Routes of Exposure

#### Product Information

**Inhalation:** Not an expected route of exposure

**Eye Contact:** Causes serious eye irritation.

**Skin Contact:** May cause mild skin irritation. May cause allergic skin reaction

**Ingestion:** Not an expected route of exposure.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alcohol, C12-15, Ethoxylated	= 2 g/kg (Rat)	-	-
Hexahydro-1, 3, 5-tris (2-hydroxyethyl)-S-triazine	= 763 mg/kg (Rat)	-	-

### Symptoms Related to the Physical, Chemical and Toxicological Characteristics

**Symptoms:** No information available.

### Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure

**Sensitization:** May cause an allergic skin reaction.

**Mutagenic Effects:** No information available.

**Carcinogenicity:** Contains no ingredients above reportable quantities listed as a carcinogen.

**Reproductive Toxicity:** This product does not contain any known or suspected reproductive hazards.

**STOT - single exposure:** None of the ingredients are known to cause specific target organ effects from a single exposure.

**STOT - repeated exposure:** None of the ingredients are known to cause specific target organ effects through prolonged or repeated exposure.

**Aspiration Hazard:** None of the ingredients are known to be an aspiration hazard.

**Numerical Measures of Toxicity – Product:** The following values are calculated based on chapter 3.1 of the GHS document:

**LD50 Oral:** 80000 mg/kg; Acute toxicity estimate

## Section 12 ~ Ecological Information

**Ecotoxicity:** The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Hexahydro-1, 3, 5-tris (2-hydroxyethyl) - S-triazine 4719-04-4	-	-	EC50 = 28.9 mg/L 15 min	-

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available.

## Section 13 ~ Disposal Considerations

**Waste Disposal Methods:** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging:** Do not re-use empty containers.

## Section 14 ~ Transportation Information

**DOT:** Not regulated

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## Section 15 ~ Regulatory Information

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### International Inventories

TSCA: Complies

### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**U.S. Federal Regulations:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act:** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Glycerin	X	X			X

### U.S. EPA Label Information

**EPA Pesticide Registration Number:** Not applicable

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## Section 16 ~ Other Information

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	NFPA	HMIS	Key
HEALTH	2	2	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	X	1= Slight
			0= Minimal

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