

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

Identity (As Used On Label and List) B4151 Omega Sanitizing Wipes Lemon	Date Prepared: 12-23-2013
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

Classification This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).
Flammable liquids Category 3

Hazards Not Other Wise Classified (HNOC) Not applicable.

Other Information Toxic to aquatic life.

Label Elements



Signal Word: Warning

Hazard Statement Flammable liquid and vapor.

Precautionary Statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilation/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

Response

General Advice: None. **Skin: If on skin (hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. **Fire: In case of fire:** Use CO2, dry chemical or foam for extinction.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

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

Section 3 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	%(Wt.)
Ethanol	64-17-5	10 – 30*

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

Section 4 ~ First Aid Measures

Eyes — Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin — None normally required. Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation — Not an expected route of exposure. 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 — Not expected to give rise to an acute hazard under normal condition of use.

Indication Of Immediate Medical Attention And Special Treatment Needed — Treat symptomatically.

Section 5 ~ Fire Fighting Measures

Suitable Extinguishing Media: Dry chemical, carbon dioxide (CO2), foam.

Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.

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

Hazardous Combustion Products: Nitrous oxide, formaldehyde, ammonia, smoke, fume, incomplete combustion products, oxides of carbon.

Explosion Data: *Sensitivity to Mechanical Impact:* None. *Sensitivity to static discharge:* Yes.

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment And Emergency Procedures: Use personal protective equipment. High risk of slipping due to leakage/spillage of product. Remove all sources of ignition.

Methods And Materials For Containment And 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. Prevent further leakage or spillage if safe to do so.

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.

Section 7 ~ Handling and Storage

Precautions For Safe Handling: Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measure against static discharges.

Conditions for safe storage, including any incompatibilities: Keep container closed when not in use. Keep container tightly closed in a dry and well-ventilated place. Do not contaminate food or feed stuffs. Keep out of the reach of children. Keep away from heat and sources of ignition. Keep from freezing.

Section 8 ~ Exposure Controls/Personal Protection

Control Parameters: Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol (64-17-5)	STEL: 1000 PPM	TWA: 1000 ppm TWA: 1900 mg/m3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³

Appropriate engineering controls – Eye wash stations.

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

Skin Protection Other– No special protective equipment required.

Eye/face protection – No special protective equipment required. Avoid contact with eyes.

General hygiene considerations – Handle in accordance with good industrial hygiene and safety practice.

Section 9 ~ Physical Chemical Properties

Boiling Point	87.778°C/190°F	Specific Gravity	0.970
Vapor Pressure	No Data Avail.	Melting/Freezing Point	No Data Avail.
Vapor Density	No Data Avail.	Evaporation Rate (Butyl Acetate = 1)	No Data Avail.
Solubility in Water	Soluble in water	pH	6.2
Appearance and Odor — Liquid, lemon, alcohol, slight haze to colorless.		VOC%	18.49
Flash Point (Method Used): 37.778°C /100°F	Auto - Ignition Temperature: N/A	Lower Flammability Level: No Data Avail.	Upper Flammability Level: No Data Avail.

Section 10 ~ Stability and Reactivity

Stability: Stable under recommended storage conditions.
Conditions to Avoid: Ignitions sources – heat, sparks and open flames. Incompatible products.
Possibility of Hazardous Reactions: None under normal processing.
Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Decomposition or Byproducts: Carbon monoxide (CO), carbon dioxide (CO2), smoke, soot, nitrous oxide. Formaldehyde. Ammonia.
Reactivity: No data available.

Section 11 ~ Toxicological Information

Information on likely routes of exposure
Ingestion — Not an expected route of exposure. May be harmful if swallowed.
Inhalation — May cause irritation or respiratory tract.
Skin contact — No known hazard in contact with skin.
Eye contact — Not an expected route of exposure. May be harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethanol	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics: No information available.
Delayed and immediate effects and also chronic effects from short and long term exposure.
Sensitization: No information available.
Mutagenic Effects: No information available.
Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethanol	A3	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists): A3- Animal Carcinogen.
IARC (International Agency for Research on Cancer): Group 1 – Carcinogenic to Humans.
NTP (National Toxicity Program): Known – Known Carcinogen
OSHA (Occupational Safety & Healthy Administration): X Present
Reproductive Toxicity: No information available. **STOT** – Single exposure: No information available. **STOT:** repeated exposure: No information available.
Aspiration Hazard: No information available.

Numerical measures of toxicity – Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral	35279 mg/kg; Acute toxicity estimate
Inhalation	
Dust/mist	623.1 mg/L; Acute toxicity estimate

Section 12 ~ Ecological Information

Ecotoxicity: Toxic to aquatic life.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethanol (64-17-5)		LC50 96 h: 12.0 – 16.0 mL/L static (ocorhynchusmykiss) LC50 96 h: > 100 mg/L static (Pimephales promelas) LC50 96 h: 13400-15100 mg/L flow-through (Pimephales promelas)	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	LC50 48 h: 9268 – 14221 mg/L (Daphnia magna) EC50 24 h: = 10800 mg/L (Daphnia magna) EC50 48 h: + mg/L Static (Daphnia magna)

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

Chemical Name	Log Pow
Ethanol	-0.32

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 ~ Transport Information

US Dept. of Transportation (DOT)	Water Transportation (IMDG)	Air Transportation (IATA)
Proper Shipping Name: Not Regulated	Proper Shipping Name: Not Regulated	Proper Shipping Name: Not Regulated

Section 15 ~ Regulatory Information

International Inventories: TSCA – Complies
Legend- TSCA United States Toxic Substances Control Act Section 8(b) Inventory. **DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List.
US 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: No **Chronic Health Hazard:** No **Fire Hazard:** Yes **Sudden Release of Pressure Hazard:** No **Reactive Hazard:** No
Clean Water: 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.
US State Regulations: California Proposition 65 – This product contains the following Proposition 65 chemicals: Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS No	California Prop. 65
Ethanol	64-17-5	Developmental

US State Right to Know Regulations: “X” designates that the ingredients are listed on the State Right to Know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Ethanol	X	X	X		
White Mineral Oil	X	X	X		X

US EPA Label Information
EPA Pesticide Registration Number: Not applicable

Section 16 ~ Other Information

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

Disclaimer: The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.