

Material Safety Data Sheet

May be used to Comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200(q). Standard must be Consulted for specific requirements

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

Identity (As Used On Label and List) B5115 Handy Sani Pen	Date Prepared: 06-10-2008
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Section 1 ~ Identification

Manufactured for: 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 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	%(Wt.)
Ethyl Alcohol	64-17-5	1,000 ppm (TWA) 1,900 mg/m ³ (TWA)	1,000 ppm (TWA)	62%

Section 3 ~ Hazard(s) Identification

EMERGENCY OVERVIEW: Keep out of reach of children

Route(s) of Entry:

Signs and Symptoms of Exposure:

Eyes— May cause irritation to the eyes.

Skin— None expected.

Inhalation— May cause irritation of the respiratory tract.

Ingestion— May cause nausea, vomiting and diarrhea.

Health Hazards (Acute and Chronic) – See Section 11

Medical Conditions Generally Aggravated by Exposure: N/A

Carcinogenicity:	NTP? No No	IARC Monographs? No No	OSHA Regulated? No No
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Section 4~ First Aid Measures

Emergency and First Aid Procedures.

Eyes—Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

Skin— If irritation is experienced, flush with water. If irritation persists, get medical attention.

Inhalation— If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion— Do not induce vomiting. If the material is swallowed, get medical attention or advice.

Section 5 ~ Fire Fighting Measures

Flash Point (Method): 71°F [21.6°C] (ASTM D 93)	Auto Ignition: Ethyl Alcohol: 363°C	Flammability Classification: Flammable Liquid IB	LEL (Vol.% in Air): 3.3	UEL (Vol.% in Air): 19.0
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Extinguishing Media – Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

Products of Combustion – Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Fire Fighting Equipment – Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

Section 6 ~ Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled.

For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. **Environmental Precautions** – Prevent discharge to open waters. **Method for Containment** – Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth. **Methods for Clean-Up** - Ventilate area of leak or spill. Use spark proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

Section 7 ~ Handling and Storage

Precautions to be Taken in Handling and Storing –

Keep away from heat, sparks and flame. Prevent contact eyes. Avoid inhalation. Keep the container tightly closed and in a cool, well ventilated place.

Work/Hygienic Practices – None needed under normal use.

Section 8 ~ Exposure Controls/Personal Protection

Respiratory Protection (Specify Type) – None needed under normal use.	Ventilation – Normal room ventilation is usually adequate under normal use.	
Protective Gloves – None needed under normal use.	Eye Protection – None needed under normal use.	Other protective Clothing or Equipment – N/A

Section 9 ~ Physical Chemical Properties

Boiling Point (Ethyl Alcohol)	78.5°F	Specific Gravity (H₂O = 1) @ 25°C Concentrate	0.880 – 0.920
Vapor Pressure (Ethyl Alcohol) hPa at 20°C	57.3	Melting Point Pressure (Ethyl Alcohol)	-114.1°C

Vapor Density (Ethyl Alcohol)	1.6	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Soluble	pH	N/A
Appearance and Odor— Clear translucent clear thick colorless liquid, lemon scent.		VOC Content by weight	-

Section 10 ~ Stability and Reactivity

Stability: under 70°F	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>	Conditions to Avoid – Avoid excessive heat or sources of ignition.	Hazardous Polymerization:	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>
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Incompatibility (Materials to Avoid) – Strong acid, strong bases and oxidizing agents.

Hazardous Decomposition or Byproducts – Carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

Section 11 ~ Toxicological Information

Acute Effects:

- A. General Product Information.
Product contains Ethyl Alcohol
- B. Component Analysis LD50
Ethyl Alcohol (64-17-5)
Oral LD50 Rat: 7060 mg/kg

Chronic Effects:

Component
Ethyl Alcohol (64-17-5)
Carcinogenicity: ACGIH A4- Not Classifiable as a Human Carcinogen.
Neurotoxicity: This product contains Ethyl Alcohol, a central nervous system target.
Mutagenicity: No information available for product.
Reproductive: No information available for product.
Developmental: Ethyl Alcohol is a developmental toxin when consumed during pregnancy.
Target Organs: When consumed, ethyl alcohol can target the respiratory stem, skin, eyes, CNS, liver, blood and reproductive syste.

Section 12 ~ Ecological Information

Ecotoxicity: Ethyl Alcohol (64-17-5)96 hour	LC50	Oncorhynchus mykiss:	12,900 mg/L (flow-through) (30 days old)
96 hour	LC50	Pimephales promelas	14.2 mg/L
5min	EC50	Photobacterium phosphoreum:	35,470 mg/L
30 min	EC50	Photobacterium phosphoreum:	34,634 mg/L
48 hour	EC50	Daphnia magna:	9,268 mg/L
24 hour	EC50	Daphnia magna:	10,800 mg/L

Section 13 ~ Disposal Considerations

Waste Disposal Method — Dispose of in accordance with Federal, Sate, and local regulations.

Section 14 ~ Transport Information

Shipping Name: Consumer Commodity ORM-D

Proper Shipping Name for Non-Consumer Commodity: Ethyl Alcohol Solutions, 3, UN1170, PGIII.

Section 15 ~ Regulatory Information

Ethyl alcohol, a component of this product, is on the TSCA inventory.

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) This material contains Ethyl Alcohol a developmental toxicity when in alcoholic beverages.

The following components appear on one or more of the following state hazardous substance list:

Component	CAS#	CA	MA	MN	NJ	PA
Ethyl Alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes

Section 16 ~ Other Information

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

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