

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) A1080 E-Z Kleen Fresh	Date Prepared: 05-10-2012
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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 GrobriCt #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.)
2-Butoxy Ethanol	111-76-2	50 ppm	20 ppm	-
Isopropyl Alcohol	67-63-0	400 ppm	200 ppm	-
Potassium Hydroxide	1310-58-3	N/A	2 mg/m3	-
Propane/N-Butane	68476-86-8	N/A	1000 ppm	-

Section 3 ~ Hazard(s) Identification

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperatures or store in direct sunlight.

Route(s) of Entry: Skin, eyes, ingestion, inhalation.

Eyes— Irritation likely.

Skin— May cause slight irritation, possible dryness with prolonged contact.

Inhalation— No hazards under normal use.

Ingestion— May cause gastric discomfort and nausea.

Health Hazards (Acute and Chronic) - Acute: See above. Chronic: None known.

Medical Conditions Generally Aggravated by Exposure: None known.

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

Eyes— Flush with water for 15 minutes. Contact physician if irritation persist.

Skin— Wash with soap and water for 15 minutes. If irritation develops seek medical attention.

Inhalation— Move to fresh air. If not breathing administer artificial respiration.

Ingestion— Do not induce vomiting. Rinse mouth and give 1 – 2 glasses water if conscious and alert. Drink egg whites, gelatin solution or if these are not available, drink large quantities of water. Contact physician.

Section 5 ~ Fire Fighting Measures

Flash Point (Method Used): 70°F (TCC)	Flammable Limits	LEL: N/A	UEL: N/A
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Extinguishing Media – Water, foam, carbon dioxide, dry chemical. Cool fire exposed containers with water fog.

Special Fire Fighting Procedures – Use full protective gear including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards – Contents under pressure, exposure to high temperatures above 120°F can cause bursting.

Section 6 ~ Accidental Release Measures

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

Use absorbent on spill sweep to clean. Dispose in accordance with local, State and Federal laws. Small releases may be wiped up with wiping material.

Keep out of reach of children.

Section 7 ~ Handling and Storage

Precautions to be Taken in Handling and Storing –

Store in a cool dry area. Do not use or store near heat or open flame. Exposure to temperatures above 120°F may cause bursting.

Work/Hygienic Practices – Observe good hygiene. Wash hands thoroughly after product use, eating, drinking, and using restrooms, etc

Section 8 ~ Exposure Controls/Personal Protection

Respiratory Protection (Specify Type) – Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.		Ventilation — Ambient suitable, forced ventilation should not be required.
Skin Protection – None	Eye Protection – Safety glasses always recommended when using chemicals	Other protective Clothing or Equipment – None.

Work/Hygienic Practices – Observe good hygiene. Wash hands thoroughly after product use, eating, drinking, and using restrooms, etc.

Section 9 ~ Physical Chemical Properties

Boiling Point	>212°F	Specific Gravity (H₂O = 1) Concentrate	1.00
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Vapor Pressure (mm/hg)	17.5	Melting Point	Not tested
Vapor Density (Air=1)	< 1	Evaporation Rate (Butyl Acetate = 1)	< 1
Solubility in Water	100%	pH as Supplied	N/A
Appearance and Odor— White foam, mild ammonium, citrus odor.		VOC %	16%

Section 10 ~ Stability and Reactivity

Stability:	Unstable ☐	Stable ☒	Conditions to Avoid – Temperatures above 120°F.	Hazardous Polymerization:	May Occur ☐	Will Not Occur ☒
Incompatibility (Materials to Avoid) – Strong oxidizers, alkalies, acids				Hazardous Decomposition or Byproducts – Oxides of carbon.		

Section 11 ~ Toxicological Information

2-Butoxy Ethanol – 111-76-2; Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450 ppm/4h; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

Section 12 ~ Ecological Information

2-Butoxy Ethanol – 111-76-2 – LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life. **Section 12 notes:** 2-Butoxy Ethanol – 111-76-2 – This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day.

Section 13 ~ Disposal Considerations

Waste Disposal Method — Dispose of in accordance with local, State and Federal regulations. Wrap container and place in trash collection and do not puncture or incinerate container.

RCRA Hazard Class — Considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)	Water Transportation (IMDG)	Air Transportation (IATA)
Proper Shipping Name: Consumer Commodity	Proper Shipping Name: Aerosols Ltd Qty Class 2	Proper Shipping Name: Aerosols Ltd Qty Class 2
Hazard Class: ORM-D	Hazard Class: 2.2	Hazard Class: 2.2
ID Number: -	ID Number: 1950	ID Number: 1950
Packing Group: -	Packing Group: N/A	Packing Group: N/A

Section 15 ~ Regulatory Information

U.S. Federal Regulation.

TSCA (Toxic Substance Control Act): All Chemicals are listed.

CERCLA (Comprehensive Response Compensation, and Liability Act): None

SARA TITLE III (Superfund Amendments and Reauthorization Act): None

311/312 Hazard Categories: 2-Butoxy Ethanol -111- 76-2 Acute immediate health hazard, delayed chronic health hazard.

313 Reportable Ingredients: 2-Butoxy Ethanol – 111-76-2 – reporting threshold 1%

State Regulations: This product contains no known chemicals regulated by California's proposition 65. New Jersey's Worker and community Right to Know Act: 2-Butoxy Ethanol – 111-76-2. Massachusetts' Right to Know Law: 2-Butoxy Ethanol – 111-76-2; Pennsylvania's Right to Know Act: 2-Butoxy Ethanol – 111-76-2.

International Regulations: EINECS: 2-Butoxy Ethanol – 111-76-2; WHMIS (Canada): 2-Butoxy Ethanol – 111-76-2; Japan: 2-Butoxy Ethanol – 111-76-2; Australia: 2-Butoxy Ethanol – 111-76-2; DSCL (EEC): 2-Butoxy Ethanol – 111-76-2; NDSL: Korea: 2-Butoxy Ethanol – 111-76-2

Section 16 ~ Other Information

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

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