

Material Safety Data Sheet



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1. Product and Company Information

Product Name: EZ-Kill Disinfecting/Deodorizing/Cleaning Wipes

CAS Number: Mixture

Chemical family: Alcohol / Gylcol Ether Mixture

Formula: Proprietary Information

HealthLink
3611 St. Johns Bluff Rd. S. Ste. 1
Jacksonville, FL 32224
(904) 996-7758

Emergency Response Number:
InfoTrac 800-535-5053

2. Composition / Information on Ingredients

HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
Isopropyl Alcohol	<50.0%	67-63-0

COMPOSITION COMMENT: Biodegradable, Non-Corrosive product.

HAZARDS DISCLOSURE: This product contains known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains no known hazardous materials.

3. Hazards Identification

**EMERGENCY OVERVIEW – WARNING!
FLAMMABLE LIQUID AND VAPOR**

HMIS/NFPA Rating:

Health – 2, Flammability – 3, Reactivity – 0, Personal Protection Index – B

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme)

POTENTIAL HEALTH EFFECTS

EYE: Contact may cause eye irritation. INGESTION: May be harmful if swallowed.

SKIN: Prolonged or repeated contact may cause skin irritation.

INHALATION: May cause moderate irritation. Inhalation overexposure may lead to central nervous system depression.

SIGNS AND SYMPTOMS OF EXPOSURE: Not expected to be a skin or eye irritant.

CHRONIC EFFECTS: Prolonged/repeated contact may produce mild skin irritation

CARCINOGENICITY INFORMATION: No known cancer hazards.

4. First Aid Measures

EYE CONTACT FIRST AID: Flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT FIRST AID: Wash skin with water and remove contaminated clothing.

INHALATION FIRST AID: Remove to fresh air. If breathing is difficult, administer oxygen.

INGESTION FIRST AID: Get medical attention. Induce vomiting. Give water or Milk

STATEMENT OF PRACTICAL TREATMENT: Always have plenty of water available for first aid.

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5. Fire Fighting Measures

FLAMMABLE PROPERTIES: Autoignition Temp: No Data TCC Flash Point: 74F
FLAMMABLE LIMITS IN AIR: LEL: ~ 1.1%, UEL: ~ 12.7
EXTINGUISHING MEDIA: Alcohol foam. Carbon dioxide. Dry chemical. Water spray.
Water fog.
FIRE & EXPLOSION HAZARDS: Incinerating may create toxic decomposition products (Carbon dioxide. Carbon monoxide).

6. Accidental Release Measures

SPILLS PROCEDURE: Wash to waste treatment system with water. Or for large spills, absorb spill with inert material (dry sand), then place in a chemical waste container.

7. Handling and Storage

RECOMMENDED STORAGE TEMPERATURE:
Minimum: 0C (32F) Maximum: 15.5C (60F)
SHELF LIFE (in original sealed containers): 5 years @ 0C 3 years at 15C
HANDLING (PERSONNEL): Avoid contact with eyes, skin and clothing.
STORAGE PRECAUTIONS: Keep away from heat and sparks/flames. Keep container closed when not in use.

8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Under normal use conditions, with adequate ventilation, no special handling equipment is required.
EYE PROTECTION REQUIREMENTS: Wear protective glasses to minimize eye contact.
EYE/FACE/RESPIRATORY PROTECTION REQUIREMENTS: Not required in normal use.
SKIN PROTECTION REQUIREMENTS: Wear protective gloves to minimize skin contamination.
EXPOSURE GUIDELINES: Dipropylene Glycol Monomethyl Ether
OSHA PEL: 100 ppm, 600 mg/m³ OSHA TWA: 100 ppm, 600 mg/m³

9. Physical and Chemical Properties

FORM: Liquid	COLOR: Clear, colorless
ODOR: Alcohol	BOILING POINT: N.D.
SOLUBILITY IN WATER: Complete	SPECIFIC GRAVITY: 0.916 (Water=1)
BULK DENSITY: 7.6	MELTING/FREEZING POINT: <0F
PH: 5.25	VOC=47.54% by weight (concentrate)

10. Stability and Reactivity

STABILITY: Stable POLYMERIZATION: Hazardous polymerization will occur.
INCOMPATIBILITY WITH OTHER MATERIALS: Safe under normal usage conditions.
DECOMPOSITION: Decomposition will not occur if handled and stored properly.

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11. Toxicology Information

EYE/SKIN EFFECTS: Contact may cause eye or skin irritation.
ACUTE ORAL/INHALATION EFFECTS: No known hazards in normal industrial use.

12. Ecological Information

No information available

13. Disposal Considerations

WASTE DISPOSAL: Treat or dispose of waste material in accordance with all local, state, and national requirements.
CONTAMINATED MATERIALS: Was contaminated clothing before reuse.
CONTAINER DISPOSAL: Clean out containers prior to disposal.

14. Transport Information (Not meant to be all inclusive)

PRODUCT LABEL: EZ-KILL PACKAGE CLASS: 55
D.O.T. SHIPPING NAME: Flammable Liquid, N.O.S. (2-Butoxyethanol, Isopropyl Alcohol)
D.O.T. HAZARD CLASS: 3 PACKAGING GROUP: II
UN NUMBER: 1993 D.O.T. LABEL: Flammable
PRODUCT RQ (LBS): NA D.O.T. PLACARD: N/A BULK CLASS: N/A
Bottles smaller than one liter are eligible to be shipped under ORM-D or limited quantity exemptions [49 CFR section 173.50(b)(2) and 173.150(C)].

15. Regulatory Information

FDA (FOOD AND DRUG ADMINISTRATION): This Product Meets FDA/USDA requirements for cleaning in the food processing industry.

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

16. Other information

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APPROVAL DATE: April 19, 2011 REVISION DATE: June 21, 2011

The data in this Material Safety Data Sheet relates only to the specific material designation and does not relate to its use in combination with any other material designation and does not relate to its use in combination with any other material or process. The data container is believed to be correct. However, since conditions of use are outside our control it should not be taken as a warranty or representation for which HealthLink assumes legal responsibility. This information is provided solely for your consideration, investigation and verification.