

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: MadaCide-FDW-Plus      Product #: 7032      CAS Number: Blend  
Mada Medical  
625 Washington Ave., Carlstadt, NJ 07072 (201) 460-0454 (product info)  
Emergency Contact: 201-460-0454 or contact your regional poison control.

**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
2-Butoxyethanol	<6.0%	111-76-2

COMPOSITION COMMENT: Biodegradable, Non-Corrosive product. [All-purpose Cleaner and Degreaser]

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 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.

**5. FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES: Autoignition Temp: No Data      TCC Flash Point: 74 F

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 @ 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/m<sup>3</sup> OSHA TWA: 100 ppm, 600 mg/m<sup>3</sup>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM: Liquid

ODOR: Alcohol

SOLUBILITY IN WATER: Complete

BULK DENSITY: 7.6

PH: 5.25

COLOR: Clear, Colorless

BOILING POINT: N.D.

SPECIFIC GRAVITY: 0.916 (Water = 1)

MELTING/FREEZING POINT: <0 F

VOC = 47.54 % by weight (concentrate)

**10. STABILITY AND REACTIVITY**

STABILITY: Stable POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: Safe under normal usage conditions.

DECOMPOSITION: Decomposition will not occur if handled and stored properly.

**11. TOXICOLOGICAL 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: Wash contaminated clothing before reuse.

CONTAINER DISPOSAL: Clean out containers prior to disposal.

**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL: Kwikkill RTU

D.O.T. SHIPPING NAME: Flammable Liquid, N.O.S. (2-Butoxyethanol, Isopropyl Alcohol)

D.O.T. HAZARD CLASS: 3

UN NUMBER: 1993

PRODUCT RQ (LABS): N/A

PACKAGE CLASS: 55

PACKING GROUP: II

D.O.T. LABEL: Flammable

D.O.T. PLACARD: N/A

BULK CLASS: N/A

**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**

PREPARED BY: Jeff Adam

APPROVAL DATE: December 12, 2007

PRD NUMBER: 7032

SUPERCEDES DATE: New

(Official Copy)

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

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