

Safety Data Sheet: General Purpose Cleaner

SECTION 1: IDENTIFICATION

Product Name: General Purpose Cleaner
Product Number: No. 9005
Manufactured For: Mada Medical Product, Inc.
625 Washington Ave.
Carlstadt, NJ 07072
Telephone: 1.201.460.0454
Emergency Number: Chemtrec 1-800-424-9300
Date Prepared: May 19, 2015
Supersedes Date: New issue
Product Use: For cleaning debris from instruments prior to sterilization

SECTION 2: HAZARDS IDENTIFICATION

Label Elements:



Signal Word: Warning! Irritant! May be harmful if swallowed.

Warning Statement(s):

Acute Eyes: Direct contact causes irritation, redness and possible tearing.

Acute Skin: Prolonged or repeated contact causes redness and drying of skin.

Acute Inhalation: Breathing high concentrations of vapors or mists may cause irritation to respiratory tract.

Acute Ingestion: Not known, but, expected to cause nausea and diarrhea.

Potential Health Effects:

Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogen.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical ID	CAS #	EINECS #	Classification	%* (By Weight)
Water	7732-18-5	231-791-2	Not Applicable	50 – 70
Disodium Cocoamphodiacetate	68650-39-5	272-043-5	Not Applicable	15 – 25
Propylene Glycol	57-55-6	200-338-0	Not Applicable	10 – 20
Disodium Cocoamphodipropionate	68604-21-7	271-704-5	Not Applicable	1 – 10
Sodium Hydroxide	1310-73-2	215-185-5	Not Applicable	<1

*Exact concentrations are being withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal hygiene and industrial hygiene practices are followed.

Eye Exposure: Hold eyes open and flush eyes with a steady stream of water for at least 15-minutes. If signs/symptoms persist, seek medical attention.

Skin Exposure: Wash thoroughly with soap and water. If irritation or redness develop, seek medical attention.

Inhalation: If respiratory irritation or distress occurs, move into fresh air. If having difficulty breathing, administer oxygen. If signs/symptoms persist, seek medical attention.

Ingestion: Do not induce vomiting. Seek **immediate** medical attention.

Medical Conditions Possibly Aggravated by Exposure:

Skin contact may aggravate existing skin disease.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Extinguish with dry chemical, CO₂ or a BC/ABC extinguisher.

Special Hazards: None known.

Firing Fighting Instruction: Product will burn under fire conditions. Closed containers may explode due to build-up of pressure when exposed to extreme heat.

Hazardous Decomposition: Oxides of nitrogen and carbon (under fire conditions).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures

Minor Spills: Mop-up spill and dispose of by dilution to a sanitary sewer as permitted by local, state and federal regulations.

Major Spills: Flood the area with water to dilute to a sanitary sewer as permitted by local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, or clothing.

Storage: Store between 39°F - 120°F. Protect from freezing. Freezing will **not** damage the product. Product may be thawed in warm water and then mixed to assure homogeneity.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Guidelines (Recommended Worker Breathing Limits):

<u>Disodium Cocomphodipropionate:</u>	Limits not Established.
<u>Disodium Cocomphodiacetate:</u>	Limits not Established.
<u>Propylene Glycol:</u>	TWA: 10mg/m ³ from AIHA.
<u>Sodium Hydroxide:</u>	2mg/m ³ (OSHA/PEL)

General PPE: These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. When developing safe handling procedures, do not overlook the need to clean and dispose of the material. Waste resulting from the use of this product should be handled in accordance with Section 13.

Engineering Controls: Normal room ventilation.

Eye/Face Protection: Safety glasses/goggles, or splash shields, are recommended when handling. Ensure an eye-wash station is on-hand.

Skin Protection: It is recommended that impermeable gloves be worn to avoid drying and redness.

Respiratory Protection: For expected and intended product use, respiratory protection should not be necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, pale amber liquid	Explosive Limits:	Not Determined
Odor:	Detergent-like	Vapor Pressure (mmHg):	Not Determined
Odor Threshold:	Not Available	Vapor Density:	Not Determined
pH:	11.9 – 12.5 (as concentrate)	Relative Density:	Not Determined
Melting/Freezing Point:	<32°F	Solubility:	Soluble in water
Flash Point:	>142°F	Partition Coefficient: n-Octanol/Water:	Not Determined
Evaporation Rate:	Not Determined	Auto-Ignition Temperature:	Not Applicable
Specific Gravity:	1.02	Oxidizing Properties:	Not an Oxidizer
Flammability (Solid, Gas):	Not Applicable	Viscosity:	Similar to water

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Open flame.
Materials and Conditions to Avoid:	Strong Acids. Strong oxidizing agents. Aluminum
Thermal Decomposition:	Oxides of carbon and nitrogen.
Hazardous Polymerization:	Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGY INFORMATION

Acute Eye Irritation: Irritating to eyes.

Acute Skin Irritation: No test data found for product.

Acute Dermal Toxicity: No test data found for product.

Acute Respiratory Irritation: No test data found for product.

Acute Inhalation Toxicity: No test data found for product.

Acute Oral Toxicity: LD50 (rat) >5g/kg for disodium cocoamphodiacetate, LD50 (rat) >5m/kg for disodium cocoampropionate, LD50 (rat) =20g/kg for propylene glycol, LD50 (mouse) =40mg/kg for sodium hydroxide.

Chronic Toxicity: This product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be a probable or suspected human carcinogen. No additional test data was found for this product.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological Information: Not data found.

SECTION 13: DISPOSAL CONSIDERATION

This product can be disposed in sanitary sewer system, with dilution, where permitted by local, federal and state regulations

SECTION 14: TRANSPORTATION INFORMATION

This product is classified as a combustible liquid for domestic shipments per 49 CFR 173.150 3 (f). Do not stack cartons more than five high.

SECTION 15: REGULATORY INFORMATION

Inventory Issues: All components of this product are listed on the U.S. TSCA, Canadian DSL, European EINECS/ELINS chemical listings

SECTION 16: OTHER INFORMATION

National Fire Protection Association Hazard Rating, NFPA

Health	Flammability	Reactivity	Special
1	2	0	-

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