

MATERIAL SAFETY DATA SHEET

3% CONCENTRATION FINAL MIX

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Date Issued: January 1, 2020

Product Name

Path-Away Anti-Pathogenic Solution
3% TRU finished product

Product Code:

APPMF 03

Manufacturer:

Manufactured by: GICC LLC.

Address:

PO Box 3407 Bluffton, SC. 29910 USA

Emergency Telephone Number:

+1-843-368-7063

2. COMPOSITION / INGREDIENT INFORMATION

HAZARDOUS COMPONENTS	%	TLV
Not Applicable	0	N/A
Volatility	Non Volatile	N/A
Other Ingredients	%	
Proprietary Citrus Extract	1.15	Active ingredient
Citrus pulp	0.05	Binding agent
Glycerine USP	1.50	Stabilization agent
Dextrins	0.30	Stabilization agent
Moisture content	97.00	Carrier agent
Solubility in water	Soluble	N/A

3. HAZARDS IDENTIFICATION

Emergency Overview: Lemon yellow to golden brown liquid

Eyes:	Possible eye irritation when used directly in concentrated form.
Skin:	Avoid prolonged contact at full strength due to low pH of product in concentrated form.
Inhalation:	Avoid breathing vapor full strength if heated in concentrated form.
Ingestion:	Do not ingest in concentrated form

4. FIRST AID MEASURES

Eyes:	Flush with large amounts of water. Get medical attention.
Skin:	Rinse with large amounts of water.
Inhalation:	Standard ASHRAE ventilation required when mixing.
Ingestion:	If swallowed: Avoid all alcohol.

5. FIRE FIGHTING MEASURES

Flash point: 292 Deg F

Extinguishing Media: Foam, water fog, Carbon Dioxide, or dry chemical

Fire fighting Procedures: Water or foam may cause frothing, which can be violent and possibly endanger the life of the fire fighter, especially if sprayed into containers of hot, burning liquid. Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode when fighting fires.

Unusual Fire & Explosion Hazards: Never use welding or cutting torch on / near drum. Residue may ignite.

Flammable Limits: LEL & UEL Not applicable.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Observe local regulations and provisions

Spills: Avoid contacting other materials. Pick up excess with absorbent materials, flush with water.

Waste Disposal method: Path-Away® Anti-Pathogenic Solution is classified as a non-corrosive liquid and should be disposed of in accordance with all local, state, and federal regulations.

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7. HANDLING AND STORAGE
Store upright in a cool dry place. Use reasonable care when handling. Store in plastic containers only

8. EXPOSURE CONTROL / PERSONAL PROTECTION	
RESPIRATORY PROTECTION	None required other than ASHRAE approved building ventilation Engineering or administrative controls should be implemented to reduce exposure.
VENTILATION	Provide sufficient mechanical (general and / or local exhaust) ventilation as per ASHRAE to avoid unhealthy exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Viscous liquid Specific gravity 1.11
Color:	Lemon yellow to golden brown.
Infrared IR:	Spectrum One Perkin/Elmer
Brinkman Metrohm:	658 KP Processor

10. STABILITY AND REACTIVITY	
Stability: Stable	Conditions to avoid: Strong oxidizing agents
Material to avoid: N/A	Hazardous: Polymerization may not occur

11. TOXICOLOGICAL INFORMATION	
Acute:	Skin: Very minor irritant when tested according to method 16 CFR 1500.41 Eye: May cause slight transient (temporary) eye irritation. Oral: LD ₅₀ in white rats >100,000 mg / kg Inhalation: LC ₅₀ in rabbits and guinea pigs at >10,000 mg m3. Slight + in serum alkaline phosphate levels.
Chronic:	None observed
Other:	None observed

12. ECOLOGICAL INFORMATION	
Eco-toxicity:	Non toxic to plants, animals, aquatic creatures
Environmental fate:	Based largely or completely on information for primary raw material (glycerine). Biodegradable under aerobic conditions. Biodegradation is expected to be achievable in a secondary wastewater treatment plant.

13. DISPOSAL CONSIDERATIONS	
Waste disposal methods: All disposal methods must be in compliance with all Federal, State / Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.	
<i>GICC LLC has no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition at 100% concentration.</i>	

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14. TRANSPORT INFORMATION

DOT Classification: For DOT regulatory information, if required, consult transportation regulations or product shipping papers.
IATA Classification: For IATA regulatory information, if required, consult transportation regulations or product shipping papers.
Other: Proper shipping name: Non-corrosive liquid / Non-hazardous liquid
 Required Packing 1 gallon, 5 gallons,, 30 gallons, & 55-gallon plastic drums, and 330 gallon totes. All packaging conforms to I.C.C. specifications 17E or 38B.
 Requires labels.

15. REGULATORY INFORMATION

ATF DISTILLED SPIRITS ACT	Not applicable
ENVIRONMENTAL LISTS	Not Applicable

STATE LISTS (Not meant to be all-inclusive. Selected regulations represented)

Notice: The information herein is presented in good faith and believed to be accurate. However, no warranty, expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

SARA Hazard Category: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

INTERNATIONAL LISTS: New Zealand EPA HSNO Approval Code HSR100548
 USA USDA, JAS, OOAMP EU. USA EPA Exempt FIFRA 25(b)
 USA FDA 21CFR 182.3013 and 21 CFR 184.1540
 USP-51 Tested/Approved

Labeling requirements: Labels required in accordance with federal, state or provincial and local laws

16. OTHER INFORMATION

HMIS INFORMATION:

Health:	Flammability:	Reactivity:	Protection:
0	0	0	A

This information is furnished without warranty, expressed or implied, except that it is accurate to the best of our knowledge. The data on this sheet relates only to the specific designated material as noted herein. It was prepared in the context of reasonably foreseeable exposure situations, which may arise given the nature and expected use of the product. The product may present greater or lesser hazard under other circumstances. The data and recommendations presented are based upon our research and the research of others but Global Infection Control Consultants LLC makes no warranty of any kind expressed or implied, except that the base product shipped will be of standard quality of Global Infection Control Consultants LLC and the user assumes all risk and liability resulting from the information herein .
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