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===== Product Identification =====

MSDS NAME: VINEGAR, GENERATOR  
NIIN: 00F039354  
MSDS Number: BWWVN  
=== Responsible Party ===  
Company: M A GEDNEY CO  
Box: 8  
City: CHASKA  
State: MN  
ZIP: 55318-5000  
Country: US  
Info Phone Number: 612-448-2612  
Emergency Phone Number: 612-448-2612  
Preparer's Name: LISA AMUNDSON  
CAGE: 5B212  
=== Contractor Identification ===  
Company: M A GEDNEY CO  
Box: 8  
City: CHASKA  
State: MN  
ZIP: 55318-5000  
Country: US  
Phone: 612-448-2612  
CAGE: 5B212

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===== Composition/Information on Ingredients =====

Name: ACETIC ACID (GLACIAL)  
CAS: 64-19-7  
RTECS #: AF1225000  
Fraction by Wt: 10%  
OSHA PEL: 25 MG/CUM  
ACGIH TLV: 25 MG/CUM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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===== Hazards Identification =====

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO  
Health Hazards Acute and Chronic: SKIN: DERMATITIS  
Explanation of Carcinogenicity: NONE  
Effects of Overexposure: IRRITATION

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===== First Aid Measures =====

First Aid: EYES/SKIN: FLUSH W/WATER. INHALATION: REMOVE TO FRESH AIR  
IMMEDIATELY. INGESTION: CONSUME WATER TO DILUTE. DON'T INDUCE  
VOMITING. DON'T GIVE EMETICS/BAKING SODA. OBTAIN MEDICAL ATTENTION  
IN ALL CASES.

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===== Fire Fighting Measures =====

Flash Point Method: CC  
Flash Point: 104F  
Lower Limits: 4  
Upper Limits: 16  
Extinguishing Media: WATER, FOAM, CO, DRY CHEMICAL  
Fire Fighting Procedures: WATER MAY BE USED TO DILUTE SPILLS & REDUCE  
FLAMMABILITY  
Unusual Fire/Explosion Hazard: TOXIC GASES & VAPORS COULD BE RELEASED IN

A FIRE INVOLVING CONC. VINEGARS.

===== Accidental Release Measures =====

Spill Release Procedures: DILUTE W/WATER TO REDUCE PH.

===== Handling and Storage =====

Handling and Storage Precautions: PROTECT FROM EXCESSIVELY HOT/FREEZING CONDITIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: REQUIRED TO PREVENT EXPOSURE TO CONCENTRATIONS WHICH EXCEED PERMISSABLE LEVELS.

Ventilation: LOCAL EXHAUST/MECHANICAL (GENERAL)

Protective Gloves: RUBBER, NEOPRENE

Eye Protection: SAFETY GLASSES

Other Protective Equipment: EYE WASH STATION

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Point: B.P. Text:224F

Vapor Pressure: 11

Vapor Density: 2.1

Spec Gravity: 1.01

Evaporation Rate & Reference: AS WATER

Solubility in Water: COMPLETE

Appearance and Odor: APPROPRIATE COLOR & ODOR FOR TYPE OF VINEGAR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, CAUSTICS

Stability Condition to Avoid: HEAT, FREEZING

Hazardous Decomposition Products: CO, CO2

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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\*\*\* END OF RECORD \*\*\*