

MATERIAL SAFETY DATA SHEET
Effective Date: 12/10/03

Citric Acid 50%

7 HANDLING AND STORAGE

Handling: Keep containers closed when not in use. Avoid breathing mist and vapors. Avoid contact with eyes and skin. Wash thoroughly after handling.
Storage: Store in a very dry place away from excessive heat. Keep from freezing.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use local exhaust ventilation to maintain air levels below the recommended exposure limits.
Personal Protection: Chemical goggles or faceshield. Rubber or vinyl gloves and long sleeved shirts and pants to minimize skin contact. Employees should wash their hands and face before eating, drinking or using tobacco products. Under normal conditions of use, respiratory protection is not required.
Work Practices: Provide safety shower and eyewash in vicinity. Educate and train employees in the safe use and handling of this product.
Unsatisfactory Materials of Construction: N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid, clear white to medium yellow.
Specific Gravity: 1.24 @ 60°F
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: N/A
Freezing Point: 14°F
% Volatile by Weight: N/A
Boiling Point: N/A
Flash Point: N/A
pH: N/A

10 STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Hazardous Polymerization: May not occur.
Conditions to Avoid: N/A
Incompatibility: N/A
Decomposition Products: N/A

11 TOXICOLOGICAL INFORMATION

On Product: N/A
On Ingredients: N/A

12 ECOLOGICAL INFORMATION

On Product: N/A
On Ingredients: N/A

13 DISPOSAL CONSIDERATIONS

Disposal Guidance: Dispose of in accordance with federal, state and local regulations.
Other Information:

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14 TRANSPORTATION INFORMATION

DOT Hazardous Materials Classification:

Class/Division:

Proper Shipping Name: Not Regulated

Label:

Packing Group:

ID Number:

15 REGULATORY INFORMATION

TSCA: N/A

RCRA: N/A

CERCLA: N/A

SARA TITLE III: N/A

OSHA Hazcom Status: N/A

IARC: N/A

NTP Annual Report

on Carcinogens: N/A

OSHA Carcinogen: N/A

16 OTHER INFORMATION

This Material Safety Data Sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which contains information from sources outside of our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.