SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Multi-Clean H.D. MAC
Product Class: Mild acid cleaner
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 651-481-1900
Manufacturer’s Name and Address: Multi-Clean®, A Division of Minuteman International, Inc. 600 Cardigan Road Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

<table>
<thead>
<tr>
<th>Chemical Common Name(s)</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Hydroxyacetic acid</td>
<td>7 - 13</td>
</tr>
<tr>
<td>B Nonylphenol ethoxylate</td>
<td>1 - 5</td>
</tr>
<tr>
<td>C Water</td>
<td>60 - 100</td>
</tr>
</tbody>
</table>

CAS #79-14-1
CAS #9016-45-9
CAS #7732-18-5

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview
Appearance and Odor: Blue liquid, floral odor.
Primary Hazards: Corrosive
Potential Health Hazards
Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X
Eye: May cause burns on contact.
Skin: May cause burns on contact.
Ingestion: May be harmful if swallowed.
Inhalation: No hazardous vapors.
Signs and Symptoms of Exposure: Irritation on direct contact.
Carcinogenicity: NTP? No IARC Monographs? No
OSHA Regulated? No
Target Organ(s): No additional data.
Medical Conditions Generally Aggravated by Exposure: N. Av.
Health Hazards, Chronic: N. Av.

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:
If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person. Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flammability: No Autoignition Temperature: N. Av.
Flash Point (method used): None Flammable Limits: N. Av. LEL UEL
Extinguishing Media: N. Av.
Vaporizing Liquid? Other?
Special Fire Fighting Procedures: N. Av.
Unusual Fire and Explosion Hazards: N. Av.
TDG Flammability Classification: Non-flammable Sensitivity to Mechanical Impact: None Sensitivity to Static Discharge: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be taken in Case Material is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dr or vacuum. Thoroughly rinse affected area with water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing: Normal care in handling and storage.
Other Precautions: Keep out of reach of children. Keep from freezing.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not required Ventilation: Local Exhaust: Not required Special: Not required Mechanical (General): Normal good ventilation sufficient. Other: Not required
Protective Gloves: Chemical resistant rubber.
Eye Protection: Approved safety goggles or glasses. Footwear: Not required Other Protective Clothing or Equipment: Not required
Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approximately 212°F (100°C) pH: 4 - 2
Specific Gravity (H20) = 1: 1.040 % Volatile: > 80
Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution
Solubility in Water: Complete Coefficient: N. Av.
Vapor Pressure (MM HG): N. Av.
Melting Point: N. Av.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: N. Av. Incompatibility (materials to avoid): N. Av.
Hazardous Decomposition or By-products: N. Av.
Hazardous Polymerization: May occur: Will not occur: X
Conditions to Avoid: N. Av.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical OSHA PEL ACGIH TLV Recom. LD50 LC50
A None None 3 ppm 1,950 mg/kg 7.7 mg/L
B None None N. Av. 2,100 mg/kg >200 mg/L (rat, oral)
C None None N. Av. (rat, oral)

Teratogen, Mutagen, Reproductive Toxin Status: No
Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.
Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Neutralize and dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewed, depending on the materials and/or contaminates being cleaned as well as state, federal and local sewer commission regulations.

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: corrosive liquid, acidic organic, N.O.S. (Containing hydroxide acid), class 8
UN Number: UN3265
Packaging Group: II

SECTION XV - PREPARATION DATA

Prepared By: Mike Elms
Telephone Number: 651-481-1900
Date: 4/04

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quantity: None
SARA Title III
Section 302 Extremely Hazardous Chemicals: None
Section 311/321 Hazard Category: Immediate health, chronic health
Section 313 Toxic Chemicals: None
State Regulations
NOTICE STATE OF CALIFORNIA
Warning: This product may contain chemicals known to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.
International Regulations
WHMIS Controlled Product Hazard Class: E

NFPA SYSTEM
 2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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