Material Safety Data Sheet

SECTION I

Product Name or Number (as it appears on label)
No. 724 Low Hardness Buffer Reagent

Emergency Telephone No.
616-241-4684

Manufacturer’s Name
Mitco, Inc.

Date Issued
11-14-85

Supersedes
0

Address (Number, Street, City, State and Zip Code)
1801 Steele Avenue S.W., Grand Rapids, MI 49507

Hazardous Material Description, Proper Shipping Name, Hazard Class, Hazard ID No. (49 CFR 172.101)
None

Chemical Family
Aqueous Mixture

SECTION II — HAZARDOUS INGREDIENTS

Chemical Name and CAS Registry No.
Ethanolamine 141-43-5

Chemical Listed as Carcinogen or Potential Carcinogen
National Toxicology Program
Yes ☐ No ☑
L.A.R.C. Monographs
Yes ☑ No ☐
OSHA
Yes ☐ No ☑

OSHA Permissible Exposure Limit
6mg /M³
ACGIH Threshold Limit Value
8mg /M³
Other Exposure Limit Used
N/A

Chemical Name and CAS Registry No.
N/A

SECTION III — PHYSICAL DATA

Boiling Point (°F.)
250

Specific Gravity (H2O = 1)
1.06

Vapor Pressure (mm Hg.)
12

Percent, Volatile By Volume (%)
70

Vapor Density (Air = 1)
1.1

Evaporation Rate (Ether = 1)
71

Solubility in Water
Complete

Appearance and Odor
Water white liquid with very mild ammoniacal odor.

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point
7220 °F
35°F

method used
N/A

Flammable Limits
LEL
UEL
6.5
16.6

Extinguishing Media
Carbon dioxide, dry chemical.

Special Fire Fighting Procedures
N/A

Unusual Fire and Explosion Hazards
N/A

N/A = Not Applicable
SECTION V — HEALTH HAZARD DATA

Effects of Overexposure — Conditions to Avoid

Primary Routes of Entry

Inhalation ☐ Skin Contact ☒ Other (specify)

Irritation to skin and eyes. Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing.

Emergency and First Aid Procedures

In case of contact with skin, wash at once with soap and water; for eyes, flush with water for at least 15 minutes and get medical attention. Wash contaminated clothing before reuse.

SECTION VI — REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>N/A</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Stable</td>
<td>X</td>
<td></td>
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</tbody>
</table>

Incompatibility (material to avoid) None known

Hazardous Decomposition Products: None known

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>N/A</th>
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<tbody>
<tr>
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<td>Will Not Occur</td>
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<td></td>
</tr>
</tbody>
</table>

SECTION VII — SPILL OR LEAK PROCEDURES

Steps To Be Taken in Case Material Is Released Or Spilled

Flush to drain with water.

Waste Disposal Method

Flush to drain with water.

SECTION VIII — SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Not normally necessary

Ventilation

N/A Local Exhaust N/A Mechanical (General) N/A Special N/A

Protective Gloves Not practical Eye Protection Safety glasses

Other Protective Clothing or Equipment N/A

SECTION IX — SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing N/A

Other Precautions N/A