MATERIAL SAFETY DATA SHEET

SUPPLIER: WYK Sorbents, LLC
ADDRESS: 11721 LACKLAND RD
          ST. LOUIS, MO  63146

CHEMICAL NAME: Magnesium mixture
TRADE NAME: UNS Universal Neutralizing Sorbent

Used as a universal Acid/Base Neutralizer sorbent in Spill Control

CHEMICAL FAMILY: Inorganic

SECTION II - INGREDIENTS AND HAZARDS

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>IARC/NTP/OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium Oxide</td>
<td>1309-48-4</td>
<td>NO</td>
</tr>
<tr>
<td>Magnesium Sulfate</td>
<td>141168-73-1</td>
<td>NO</td>
</tr>
</tbody>
</table>

Inert Buffers & Indicators

SECTION III - PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point (750 mm hg):</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor pressure at (mm HG.):</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor density (Air = 1):</td>
<td>N/A</td>
</tr>
<tr>
<td>Water Solubility:</td>
<td>31 - 35</td>
</tr>
<tr>
<td>Appearance &amp; Odor:</td>
<td>White, Tan Powder</td>
</tr>
<tr>
<td>pH:</td>
<td>10-11</td>
</tr>
</tbody>
</table>

SECTION IV - FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point:</td>
<td>Non-Flammable</td>
</tr>
<tr>
<td>Autoignition Temp:</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammability Limits In Air:</td>
<td>LOWER = N/A  /  UPPER = N/A</td>
</tr>
<tr>
<td>Extinguishing media:</td>
<td>Any Available medium, non-flammable as supplied</td>
</tr>
<tr>
<td>Special fire fighting procedures:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION V - HEALTH HAZARD INFORMATION

Signs/Symptoms of exposure: Irritation effects
Medical conditions which may be aggravated by contact: None known
Target organs: N/A
Primary entry route(s): Inhalation: Yes  Skin: no
Ingestion: No
Acute & chronic effects: none known
Carcinogenicity: NTP: No
IARC Monographs: No
OSHA regulated: No

EMERGENCY NO.: N/A
PHONE NO.: (800) 248-7007  (314) 426-3336
FAX NO.: (314) 426-0145
Website: www.wyksorbents.com
Email: wyk@wyksorbents.com
**SECTION V: HEALTH HAZARD INFORMATION - Continued**

**EFFECTS OF OVEREXPOSURE**

**FIRST AID:**
- **Eye contact:** Flush eyes with water. Seek medical attention if necessary.
- **Skin Contact:** Remove with soap and water.
- **Inhalation:** Remove to fresh air. If needed, seek medical assistance.
- **Ingestion:** If swallowed, wash out mouth with water. Seek medical attention.

**SECTION VI - REACTIVITY DATA**

Material is stable. Hazardous polymerization will not occur.

**Chemical Incompatibility (Materials to Avoid):** Interhalogens (bromine pentfluoride; chlorine trifluoride)

**Incandescent reaction with phosphorus pentachloride**

**Hazardous Decomposition (By-Products):** None

**SECTION VII – SPILL, LEAK & DISPOSAL PROCEDURES**

**Spills, Leaks: (steps to be taken):** Wear proper protective equipment; dry sweep; avoid dust production. Maintain good housekeeping standards and procedures.

**Waste Disposal Method:** Observe all Federal, State, and Local laws concerning health and environment.

**Storage & Handling Information:** Store in a dry place.

**SECTION VIII - SPECIAL PROTECTION INFORMATION - (For acid spill cleanup)**

**Personal protective equipment:**
- **Goggles:** Chemical splash goggles/face shield
- **Gloves:** Chemical Resistant
- **Respirator:** Use NIOSH/MSHA equivalent
- **Other:** Chemical splash apron or coveralls.

**Work Place Consideration:**
- **Ventilation:** As appropriate.
- **Safety Station:** Yes
- **Contaminated equipment:** Wash down with soap water after dry material has been removed.

**SECTION IX - TRANSPORTATION**

**Department of Transportation:** Non-Regulated

Judgments as to the suitability of information herein for purchaser’s purposes are necessarily purchaser’s responsibility. Therefore, although reasonable care has been taken in the preparation of such information, WYK Sorbents, LLC extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser’s intended purposes or for the consequences of its use.

Signed ________________________________

Carol Dunn, Managing Partner

Date: 03/14/2013

MSDS No. **UNS**