SECTION I

MANUFACTURER'S NAME
LaMotte Chemical Products Co.

ADDRESS (Number, Street, City, State, and ZIP Code)
P.O. Box 329, Chestertown, MD 21620

CHEMICAL NAME AND SYNONYMS
Sodium Hydroxide (Caustic Soda)

CHEMICAL FAMILY
Alkali

TRADE NAME AND SYNONYMS
Sodium Hydroxide, 65% (Code 4259)

FORMULA
NaOH

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>PAINTS, PRESERVATIVES, &amp; SOLVENTS</th>
<th>% TLV (Units)</th>
<th>ALLOYS AND METALLIC COATINGS</th>
<th>% TLV (Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIGMENTS</td>
<td></td>
<td>BASE METAL</td>
<td></td>
</tr>
<tr>
<td>CATALYST</td>
<td></td>
<td>ALLOYS</td>
<td></td>
</tr>
<tr>
<td>VEHICLE</td>
<td>N/A</td>
<td>METALLIC COATINGS</td>
<td>N/A</td>
</tr>
<tr>
<td>SOLVENTS</td>
<td></td>
<td>FILLER METAL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PLUS COATING OR CORE FLUX</td>
<td></td>
</tr>
<tr>
<td>ADDITIVES</td>
<td></td>
<td>OTHERS</td>
<td></td>
</tr>
<tr>
<td>OTHERS</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

| Sodium Hydroxide | CAS #1310-73-2 | 65% |

SECTION III - PHYSICAL DATA

| BOILING POINT (°F.) | unknown | SPECIFIC GRAVITY (H2O=1) | unknown |
| VAPOR PRESSURE (mm Hg.) | unknown | PERCENT, VOLATILE BY VOLUME (%) | unknown |
| VAPOR DENSITY (AIR=1) | unknown | EVAPORATION RATE (——— °C) | unknown |
| SOLUBILITY IN WATER | very |                            |         |

APPEARANCE AND ODOR: clear, colorless liquid; slightly slimy feeling

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| FLASH POINT (°F.) | unknown |
| FLAMMABLE LIMITS | Lei 3 or Lei |
| EXTINGUISHING MEDIA |         |

SPECIAL FIRE FIGHTING PROCEDURES: no fire hazard

UNUSUAL FIRE AND EXPLOSION HAZARDS:  

Page 1 (1) (Continued on reverse side)
SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: unknown

Effects of Overexposure: Causes skin irritation or burns. Harmful if swallowed.

Emergency and First Aid Procedures:
- Eye contact - immediately flush with water for 15 min., call a physician.
- External - immediately flush skin thoroughly.
- Internal - rinse mouth and drink glassful of water; consult a physician immediately.

SECTION VI - REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>Stable</th>
<th>X</th>
<th>Contact with acids</th>
</tr>
</thead>
</table>

Incompatibility (Materials to avoid):
- Acids

Hazardous Decomposition Products:
- N/A

Hazardous Polymerization:
- May Occur: N/A
- Will Not Occur: X

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to Be Taken In Case Material Is Released or Spilled:
Neutralize with dilute acid. Wash down drain with excess water.

Waste Disposal Method:
Pour into a tank of water and neutralize with dilute acid. Wash down drain with excess water.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify type):
- None

Ventilation:
- Local Exhaust: N/A
- Mechanical (General): N/A

Protective Gloves:
- Plastic gloves

Eye Protection:
- Goggles or face shield

Other Protective Equipment:
- Lab coat

SECTION IX - SPECIAL PRECAUTIONS

Precautions to Be Taken in Handling and Storing:
Protect against physical damage. Store away from acids. Avoid prolonged or repeated contact with skin or clothes.

Other Precautions:

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