**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Nichrome Wire**

Flinn Scientific, Inc.  P.O. Box 219,  Batavia, IL  60510  (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300  Signal Word  N/A

**SECTION 2 — HAZARDS IDENTIFICATION**

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution.

Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

**SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>Formula</th>
<th>Formula Weight</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel</td>
<td>7740-02-0</td>
<td>Ni</td>
<td>58.69</td>
<td>60%</td>
</tr>
<tr>
<td>Iron</td>
<td>7439-89-6</td>
<td>Fe</td>
<td>55.85</td>
<td>24%</td>
</tr>
<tr>
<td>Chromium</td>
<td>7440-47-3</td>
<td>Cr</td>
<td>52.0</td>
<td>16%</td>
</tr>
<tr>
<td>Carbon</td>
<td>7440-44-0</td>
<td>C</td>
<td>12.01</td>
<td>0.1%</td>
</tr>
</tbody>
</table>

**SECTION 4 — FIRST AID MEASURES**

Call a POISON CENTER or physician if you feel unwell.

**If inhaled:** Remove victim to fresh air in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

**If on skin:** Rinse with water for several minutes.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

**SECTION 5 — FIRE FIGHTING MEASURES**

Noncombustible solid.

When heated to decomposition, may emit toxic fumes.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**NFPA CODE**

None  

established

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

Dispose of in school trash.

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SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Inorganic #1. Store with metals and metal hydrides.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Silver-colored wire. Odorless.

SECTION 10 — STABILITY AND REACTIVITY

Shelf life: Indefinite, if stored properly.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: N.A.
Chronic effects: N.A.
Target organs: N.A.

ORL-RAT LD_{50}: N.A.
IHL-RAT LC_{50}: N.A.
SKN-RBT LD_{50}: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding. Flinn Suggested Disposal Method #26a is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

Not listed.

SECTION 16 — OTHER INFORMATION

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Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

Revision Date: January 16, 2014