### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT CODE:** NICKEL BRIGHTENER  
**MANUFACTURER**
Caswell Inc  
7696 Route 31  
Lyons, NY 14489  
**Emergency Contact:** Caswell Inc  
**Product Stewardship:** 315 946 1213  
**Transportation:** 800 424 9300  
**Service Number:** 315 946 1213  
**USA**  
**Emergency Contact:** Caswell Inc  
**Emergency Phone:** +1 315 946 1213  
**Service Number:** +1 315 946 1213  
**Transportation Number:** +1 703 527 3887

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

<table>
<thead>
<tr>
<th>Health</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity (Oral), Category 5</td>
<td></td>
</tr>
<tr>
<td>Eye Irritation, Category 2B</td>
<td></td>
</tr>
<tr>
<td>Skin Irritation, Category 3</td>
<td></td>
</tr>
</tbody>
</table>

**GHS LABEL**

- Exclamation mark
- **WARNING**
- 03663CC3: May be harmful if swallowed

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**
- P281: Use personal protective equipment as required.  
- P280: Wear protective gloves/protective clothing/eye protection/face protection.  
- P103: Read label before use.

**Response:**
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
- P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

**EMERGENCY OVERVIEW**

**IMMEDIATE CONCERNS:** None
POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.
SKIN: May cause skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
<th>EINECS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saccharin</td>
<td>&lt; 10</td>
<td>81-07-2</td>
<td>- -</td>
</tr>
<tr>
<td>Water and other non-hazardous, non-listed or non-reportable materials.</td>
<td>&lt; 90</td>
<td>7732-18-5</td>
<td>231-791-2</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.
SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: Not flammable
EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
HAZARDOUS COMBUSTION PRODUCTS: As with any organic material, combustion will produce CO2 and probably CO.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills immediately, observing precautions in Protective Equipment section.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing.
STORAGE: Keep container closed to prevent drying out.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT
EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.
SKIN: Wear gloves.
RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
PROTECTIVE CLOTHING: Wear suitable protective clothing at all times.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: None.
COLOR: Clear
MATERIAL SAFETY DATA SHEET

Date Issued: 09/02/2010
MSDS No: NKBR

PH: 4 to 6
VAPOR DENSITY: Approx equal to water
BOILING POINT: (224°F)
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.050

10. STABILITY AND REACTIVITY
   STABLE: Yes
   HAZARDOUS POLYMERIZATION: No

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS
   DISPOSAL METHOD: Comply with all local, state and federal laws.

14. TRANSPORT INFORMATION
   DOT (DEPARTMENT OF TRANSPORTATION)
   PROPER SHIPPING NAME: Not restricted by DOT

15. REGULATORY INFORMATION

16. OTHER INFORMATION
   REASON FOR ISSUE: Remove saccharin as cancer risk
   PREPARED BY: L CASWELL
   REVISION SUMMARY: New MSDS

   HMIS RATING
   HEALTH: 1
   FLAMMABILITY: 0
   PHYSICAL HAZARD: 0
   PERSONAL PROTECTION: C

   NFPA CODES

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