

# MATERIAL SAFETY DATA SHEET



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

## 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

Caswell Inc  
7696 Route 31  
Lyons, NY 14489  
USA

**Emergency Contact:** Caswell Inc  
**Emergency Phone:** +1 315 946 1213  
**Service Number:** +1 315 946 1213  
**Transportation Number:** +1 703 527 3887

### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US TRANSPORTATION) - 1 800 424 9300  
CHEMTREC (INTERNATIONAL - CALL COLLECT) - 1 703 527 3887

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health

Acute Toxicity (Oral), Category 5  
Eye Irritation, Category 2B  
Skin Irritation, Category 3

### 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

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## POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** May cause skin irritation.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Saccharin	< 10	81-07-2	- -
Water and other non-hazardous, non-listed or non-reportable materials.	< 90	7732-18-5	231-791-2

## 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 CO<sub>2</sub> 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

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**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

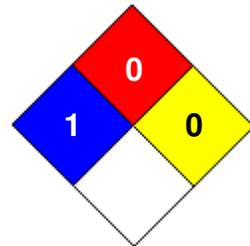
**PREPARED BY:** L CASWELL

**REVISION SUMMARY:** New MSDS

### HMIS RATING

<b>HEALTH:</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY:</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD:</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	<input type="checkbox"/>	<b>C</b>

### NFPA CODES



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