



**G&H® Wire Company**  
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## MATERIAL SAFETY DATA SHEET

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

- 1.1 Product or Family Name: Retainer Brite Cleansing Tablets  
 1.2 Company Identification: Prepared by:  
 G&H Wire Company  
 P.O. Box 248, Greenwood, Indiana 46142  
 Telephone: 317-346-6655 / Facsimile: 317-346-6663  
 1.3 Emergency Contact: Poison Control Center 1-800-222-1222

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

- 2.1 Name: Retainer Brite Tablets  
 2.2 CAS#/EINECS #: Unknown  
 2.3 

Ingredients	Percent	mg/m3
Oxone (1)	31%	(2)
Sodium Perborate (1)	30%	(2)
Lathanol	0.6%	(2)
EDTA NA4 (1)	0.1%	(2)

 Other ingredients: Potassium Persulfate Compound, Sodium Bicarbonate, Sodium Sulfate, Citric Acid, Soda Ash Dense, Sodium Tripolyphosphate, Sorbitol, Sodium Lauryl Sulfoacetate, PEG 8000, Mint Flavor, Magnesium Sterate, Tetrasodium EDTA, FD&C Blue #2.

### 3. HAZARDS IDENTIFICATION

- 3.1 When used appropriately, no adverse effects are known to be caused by the product.  
 3.2 Dangerous substances: persons allergic to persulfate should take extra care in handling. NOT be used in the mouth, rinse all appliances with water before use.

### 4. FIRST-AID MEASURES

The following measures should be taken for exposure by the following methods:

- 4.1 Inhalation: May cause irritation or dryness.  
 4.2 Skin Contact: May cause irritation or dryness.  
 4.3 Eye Contact: Rinse eyes for 20 minutes with clear water. If irritated see a physician.  
 4.4 Ingestion: Seek medical help, expected to be slightly toxic by ingestion. If swallowed, do NOT induce vomiting: give large amounts of water or milk to dilute ingested materials. Contact poison control.

### 5. FIRE-FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: Water, fog or CO<sub>2</sub>, extinguishing powder or water.
- 5.2 Unsuitable Extinguishing Media: Cool fire exposed containers with water.
- 5.3 Particular Hazards: Addition of water may cause foaming and effervescence. Decomposition from heat may lead to a release of oxygen promoting combustion of organic matter.
- 5.4 Special Protective Equipment for Firefighters: Normal PPE precautions.

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## 6. ACCIDENTAL RELEASE MEASURES

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- 6.1 Personal Precautions, such as:
- 6.2 Environmental Precautions, such as:
- 6.3 Cleaning Methods, such as: Sweep and dispose of in compliance with local regulations.

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## 7. HANDLING AND STORAGE

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- 7.1 Handling: Keep away from incompatible and flammable materials
- 7.2 Storage: Store in a cool dry place

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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- 8.1 Exposure Limit Values: TLV-TWA
- 8.2 Exposure Controls:
  - 8.2.1 Occupational Exposure Controls: Personal Protective Clothing and Equipment:
    - 8.2.1.1 Respiratory: Mask
    - 8.2.1.3 Eye Protection: Goggles
    - 8.2.1.4 Skin Protection: Gloves
  - 8.2.2 Environmental Exposure Controls:

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- 9.1 General Information:
  - 9.1.1 Physical State: Powder
  - 9.1.2 Color: Unknown
  - 9.1.3 Odor: Unknown
- 9.2 Important health, safety and environmental information
  - 9.2.1 pH Value
  - 9.2.2 Boiling Point/Range:
  - 9.2.3 Flash Point:
  - 9.2.4 Flammability (solid/gas):
  - 9.2.5 Explosive Properties:
  - 9.2.6 Oxidizing Properties:
  - 9.2.7 Vapor Pressure:
  - 9.2.8 Relative Density:
  - 9.2.9 Solubility:
    - (a) Water-
    - (b) Solvents-
  - 9.2.10 Partition coefficient: n-octanol/water:
  - 9.2.11 Viscosity:
  - 9.2.12 Vapor Density:

## 9.2.13 Evaporation Rate:

- 9.3 Indicate other important safety parameters, such as miscibility, conductivity, melting point/melting range, gas group, auto-ignition and temperature.

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**10. STABILITY AND REACTIVITY**

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- 10.1 Conditions to Avoid: Avoid contact with combustible materials, organics materials and excessive heat. Contact may increase the burning rate of combustible materials. Water causes foaming and effervescence. This is not dangerous.
- 10.2 Materials to Avoid: Water and acids
- 10.3 Hazardous Decomposition Products: Oxygen, burning may release oxides of carbon and sulfur.
- 10.4 Thermal Decomposition: Hazardous polymerization will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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- 11.1 Oral Toxicity: Expected to be slightly toxic by ingestion. If swallowed, do NOT induce vomiting: give large amounts of water or milk to dilute ingested materials. Contact poison control.
- 11.2 Inhalation: dust may irritate nasal passages, move to fresh air.
- 11.3 Skin Irritation: No general concerns.
- 11.4 Eye Contact: Can cause eye irritation.
- 11.5 Further Details:

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**12. ECOLOGICAL INFORMATION**

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- 12.1 Ecotoxicity:
- 12.2 Mobility (groundwater): Not to be disposed of in waterways or sewers
- 12.3 Persistence and degradability: : Unknown
- 12.4 Bioaccumulative potential: Unknown
- 12.5 Other adverse effects: Unknown

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**13. DISPOSAL CONSIDERATIONS**

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- 13.1 Product: Follow local guidelines
- 13.2 Packaging: Dispose of in proper landfill
- 13.3 Waste Disposal Code: Unknown

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**14. TRANSPORT INFORMATION**

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- 14.1 UN Number: Unknown
- 14.2 Class: Unknown
- 14.3 Proper shipping name: Unknown
- 14.4 Packing group: Unknown
- 14.5 Marine pollutant: Unknown
- 14.6 Other applicable information: N/A

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**15. REGULATORY INFORMATION**

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- 15.1 Labeling information: Retainer Brite is labeled as do not drink or use in the mouth. Appliances must be rinsed with clear water before using.

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16. OTHER INFORMATION

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- 16.1 The information contained herein is based on the present state of our knowledge and is intended to describe the materials used in our products from the point of view of safety requirements. Therefore, it should not be construed as guaranteeing specific properties.
- 16.2 **Released on 02-28-08 supersedes previous versions provided by G&H Wire Company**