



**Safety Data Sheet**  
**[SDS]**  
 Form 0280-FM-07-09 Rev 6

Date Issued: 2/10/14  
 Date Revised: 2/10/14  
 Revision Number: 1

<b>Product Identifier [Part/Item Number(s)]:</b>	<b>97-100-00, 97-100-01, 97-100-02, 97-100-03</b>
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**1. PRODUCT IDENTIFICATION**

**Trade Name (as labeled):** RETAINER BRITE TABLETS 36PK  
 RETAINER BRITE TRIAL PACK OF 2  
 RETAINER BRITE 24BX CASE  
 RETAINER BRITE PATIENT PK 100 PKS OF 2

**Chemical Name/Classification:** Antibacterial Denture Cleanser Tablets

**U.N. Number:** 1479

**U.N. Dangerous Goods Classification:** NA

**Recommended Use:** Orthodontic/Dental only

**Restrictions on Use:** NA

**Manufacturer/Supplier Name:** DENTSPLY GAC

**Manufacturer/Supplier Address:** One CA Plaza, Suite 100  
 Islandia, NY 11749

**Manufacturer/Supplier Telephone Number:** 1-800-645-5530

**Emergency Contact Telephone Number:** 1-800 645-5530

**Email address:** info@gacintl.com

**2. HAZARD(S) IDENTIFICATION**

**Hazard/Danger Classification:**

Health	Environmental	Physical
This is a low hazard product. Do not take internally. Do not breathe dust. Keep out of eyes and avoid extended contact with skin to minimize chance of irritation. Product contains Persulfates which are a known allergen.	Material is primarily inorganic, and is biodegradable. It is not considered to be an environmental hazard. Refer to Section 13 for Waste Disposal	This is a low hazard product. Do not take internally. Do not breathe dust. Keep out of eyes and avoid extended contact with skin to minimize chance of irritation. Product contains Persulfates which are a known allergen.

**Associated Hazards:**

**Signal Word**

Hazard Statements	Precautionary Statements
May intensify fire, harmful if swallowed, causes serious eye damage, harmful if inhaled, may cause respiratory irritation	Unknown



**EU Classification:** Unknown

**EU Risk (R) and Safety (S) Phrases:** Harmful if swallowed, causes serious eye damage, harmful if inhaled, may cause respiratory irritation

**Refer to Section 16 for the full text of the EU Classifications and R Phrases.**

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Components	C.A.S. # EC#	IUPAC Name	Substance Classification	WT %
Sodium Perborate Monohydrate	10332-33-9	Sodium Perborate Monohydrate	Unknown	Unknown
Oxone® Potassium Monopersulfate	70693-62-8	Potassium peroxymonosulfate	Unknown	Unknown





**Refer to Section 16 for the full text of the GHS and H phrases and EU Classifications and R Phrases.**

### 4. FIRST-AID MEASURES

Routes of Exposure	First Aid Instructions
<b>Eye</b>	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. This is considered a highly unlikely event.
<b>Skin</b>	If rash or irritation develops get medical attention. This is considered a highly unlikely event.
<b>Inhalation</b>	Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give 100% oxygen with rescue breathing or CPR as required, and transport to the nearest medical facility. This is considered a highly unlikely event.
<b>Ingestion</b>	Do NOT induce vomiting. Give large amounts of water. Never give anything by mouth to an unconscious person. Call poison control center and get medical attention. This is considered a highly unlikely event.
<b>Most important symptoms of exposure</b>	Always have plenty of water available for first aid. Get medical attention if any symptoms develop or persist.
<b>Other</b>	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b>	
Always have plenty of water available for first aid. Get medical attention if any symptoms develop or persist.	

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Use equipment and procedures appropriate to the main source of the fire. Use copious amounts of water to extinguish fires.
<b>Fire Fighting Procedures:</b>	Use protective gear
<b>Specific Hazards Arising from the Chemical:</b>	Dry product will react with water and effervesce. Wet product in tight containers may rupture. No significant hazard is expected.
<b>Precautions for Fire Fighters:</b>	Unkown


Recommended Protective Equipment for Fire Fighters:			
EYES/FACE	SKIN	RESPRIATORY	THERMAL
			

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, PPE and Emergency Procedures:** Physical form requires no obvious personal protective equipment when cleaning up spills. Wear a dust mask if particulate count exceeds limits, and wear gloves as appropriate

**Environmental Precautions:** Material is primarily inorganic, and is biodegradable. It is not considered to be an environmental hazard. Refer to Section 13 for Waste Disposal.

**Methods and Materials for Containment and Clean-up:** Collect material for disposal.

Recommended Personal Protective Equipment for Containment and Clean-up:			
EYES/FACE	SKIN	RESPRIATORY	THERMAL
			

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Handle in accordance with good hygiene and safety procedures. Avoid breathing dust if present. Wash thoroughly after handling

**Conditions for Safe Storage:** Avoid conditions of heat and humidity. Shelf life depends largely on storage conditions. See product label for details

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** Unknown

**Biological Exposure Limits:** Unknown

**Appropriate Engineering Controls:** Unknown

**Individual Protection Measures (PPE)**




**Specific Eye/face Protection:** When mechanically working with this product, goggles or safety glasses with side shields are recommended for airborne dust exposures in excess of the applicable limits.

**Specific Skin Protection:** Wear rubber gloves during industrial processing as extended contact may irritate skin.

**Specific Respiratory Protection:** If the respirable particulate exposure limit is exceeded, wear a NIOSH approved dust mask.

**Specific Thermal Hazards:** Unknown

### Recommended Personal Protective Equipment

EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

**Environmental Exposure Controls:** Unknown

**General Hygiene Considerations and Work Practices:** Unknown

**Protective Measures During Repair and Maintenance of Contaminated Equipment:** Unknown

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Loose or compressed powder light blue	<b>Explosive limits:</b>	Not applicable
<b>Odor:</b>	Peppermint	<b>Vapor pressure:</b>	Not applicable
<b>Odor threshold:</b>	Not applicable	<b>Vapor density:</b>	Not applicable
<b>pH:</b>	Not applicable	<b>Relative density:</b>	Not applicable
<b>Melting/freezing point:</b>	Not applicable	<b>Solubility:</b>	IN WATER: Yes
<b>Initial boiling point and range:</b>	Not applicable	<b>Partition coefficient: n-octanol/water:</b>	Not applicable
<b>Flash point:</b>	Not applicable	<b>Auto-ignition temperature:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable	<b>Decomposition temperature:</b>	Not applicable

<b>Flammability:</b>	Not applicable	<b>Viscosity:</b>	Not applicable
<b>Explosive Properties:</b>	Not applicable	<b>Oxidizing Properties:</b>	Not applicable

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b> The material is stable if kept dry.
<b>Chemical Stability:</b> Water causes production of gaseous carbon dioxide and a solution of slowly reactive hydrogen peroxide.
<b>Possibility of Hazardous Reactions:</b> Unknown
<b>Conditions to Avoid:</b> Heat can melt the material, but the small amount of oxygen which may be released from some of the ingredients is believed to offer little or no hazard. Flames and pyrolysis can break down some of the ingredients, but no hazard is anticipated.
<b>Incompatible materials:</b> Water causes production of gaseous carbon dioxide and a solution of slowly reactive hydrogen peroxide.
<b>Hazardous Decomposition Products:</b> Unknown

**11. TOXICOLOGICAL INFORMATION**

<b>Potential Health Effects:</b>
<b>Eyes:</b> Dust may cause mechanical and chemical irritation to eyes and respiratory system.
<b>Skin:</b> Dust may cause mechanical and chemical irritation to eyes and respiratory system.
<b>Ingestion:</b> Dust may cause mechanical and chemical irritation to eyes and respiratory system.
<b>Inhalation:</b> Dust may cause mechanical and chemical irritation to eyes and respiratory system.
<b>Chronic Health Effects:</b> Unknown
<b>Carcinogenicity:</b> Unknown
<b>Mutagenicity:</b> Unknown
<b>Medical Conditions Aggravated by Exposure:</b> Unknown
<b>Acute Toxicity Data:</b> Unknown
<b>Reproductive Toxicity Data:</b> Unknown
<b>Specific Target Organ Toxicity (STOT):</b>
<b>Single Exposure:</b> Unknown
<b>Repeated Exposure:</b> Unknown

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Material is primarily inorganic and thus not readily biodegradable, but offers no known environmental hazard under normal consumer use.

**Persistence and Degradability:** Material is primarily inorganic and thus not readily biodegradable

**Bio-accumulative Potential:** Unknown

**Mobility in Soil:** Unknown

**Other Adverse Effects:** Unknown

**Results of PBT/vPvB Assessment:** Unknown

## 13. DISPOSAL CONSIDERATIONS

**Regulations:** Dispose of material in accordance with federal, state and local requirements. (State and local disposal regulations may differ from federal disposal regulations.)

**Properties (Physical/Chemical) Affecting Disposal:** none

**Waste Treatment Recommendations:** Unused material should be handled as non-hazardous waste and sent to an approved waste facility. However, processing, use, or contamination of this product may change the waste management options. Dispose of material in accordance with federal, state and local requirements. (State and local disposal regulations may differ from federal disposal regulations.)

## 14. TRANSPORT INFORMATION

**UN Identification Number:** 1479

**UN Proper Shipping Name:** Non-regulated material (CAS # 70693-62-8 and CAS # 10332-33-9:  
Inorganic, Oxidizing Solid - NOS (not otherwise specified)

**Transport hazard class(es):** : Not applicable

**Packing Group:** (CAS # 70693-62-8: II, CAS # 10332-33-9: III)

**Special precautions for user:** None

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** Unknown

**Toxic Substances Control Act (TSCA):** Unknown

**Clean Water Act (CWA):** Unknown

**Clean Air Act (CAA):** Unknown

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:** Unknown

**SARA Section 311/312 (40 CFR 370) Hazard Categories:** This product contains no known hazardous materials in reportable levels as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200 and as defined under SARA § 311 and § 312.

<b>Immediate Hazard:</b>	Unknown	<b>Pressure Hazard:</b>	Unknown
<b>Delayed Hazard:</b>	Unknown	<b>Reactivity Hazard:</b>	Unknown
<b>Fire Hazard:</b>	Unknown		

**This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):**

Components	C.A.S. #	WT %
Unknown	Unknown	Unknown

**State Regulations**

**California Proposition 65:** This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm (if blank, the product does not contain Proposition 65 regulated chemicals):

Components	C.A.S. #	WT %
This product does not contain ingredients which are known to the State of California to cause cancer, birth defects, or other reproductive harm.	NA	NA

**International Regulations**

**Canadian Environmental Protection Act:** Unknown

**Canadian Workplace Hazardous Materials Information System (WHMIS):** Unknown

**European Inventory of Existing Chemicals (EINECS):** Unknown

**European Chemical Agency (ECHA) REACH (Registration, Evaluation, Authorization and Restriction of Chemicals):** Unknown

**16. OTHER INFORMATION**

Full text of Classification abbreviations used in Section 2 and 3: **SEE SECTON 2 AND 3**

Date of SDS Preparation/Revision: 2/10/14

Data Sources: Supplier's MSDS Specification