

Kooliner Powder

**MATERIAL SAFETY DATA SHEET**

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**Number:****Date prepared:** January 11, 2011**Date Revised:****1. Chemical Product and Company Identification****Product code:** -**Product name:** Kooliner Powder**Company Identification:**GC America Inc., 3737 W. 127<sup>th</sup> Street, Alsip, IL 60803

Phone 1-708-597-0900

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| <b>Australian supplier:</b><br>Henry Schein Halas Dental Co., Ltd.,<br>Sydney – Head Office<br>44 O'Dea Ave, Waterloo, NSW 2017<br>Emergency Phone (02) 9697-6288 / 1300 658822<br>Fax (02) 9697 6250 | <b>New Zealand supplier:</b><br>Henry Schein Regional Ltd<br>23 William Pickering Drive<br>Albany, Auckland<br>Emergency Phone 0800 764 766<br>Fax 0800 808 555 |
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**2. Composition/Data on Components****· Chemical characterization****· Description:***Mixture of the substances listed below with nonhazardous additions.**Mixture: consisting of the following components.***· Dangerous components:**

CAS: 94-36-0

EINECS: 202-327-6      *dibenzoyl peroxide 2.5-10%*

CAS: 14808-60-7

EINECS: 238-878-4      *Quartz 10-25%***3. Hazards Identification****· Hazard description:***Irritant***· Information pertaining to particular dangers for man and environment:***The product has to be labeled due to the calculation procedure of international guidelines.**May cause sensitization by skin contact.***· Classification system:****· NFPA ratings (scale 0 - 4)***Health = 0**Fire = 0**Reactivity = 0***· HMIS-ratings (scale 0 - 4)***Health = 0**Fire = 0**Reactivity = 0***4. First Aid Measures****· After inhalation:***Supply fresh air and to be sure call for a doctor.**In case of unconsciousness place patient stably in side position for transportation.***· After skin contact:** *Immediately wash with water and soap and rinse thoroughly.***· After eye contact:** *Rinse opened eye for several minutes under running water.***· After swallowing:** *If symptoms persist consult doctor.*

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**5. Fire Fighting Measures****· Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**· Protective equipment:** No special measures required.

**6. Accidental Release Measures**

**· Person-related safety precautions:** Not required.

**· Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

**· Measures for cleaning/collecting:** Pick up mechanically.

**7. Handling and Storage****· Handling:**

**· Information for safe handling:** No special measures required.

**· Information about protection against explosions and fires:** No special measures required.

**· Storage:**

**· Requirements to be met by storerooms and receptacles:** No special requirements.

**· Information about storage in one common storage facility:** Not required.

**· Further information about storage conditions:** None.

**8. Exposure Controls and Personal Protection**

**· Components with limit values that require monitoring at the workplace:**

**14808-60-7 Quartz**

PEL () see Quartz listing

REL () 0.05\* mg/m<sup>3</sup> \*respirable dust

TLV () 0.025 R mg/m<sup>3</sup>

**94-36-0 dibenzoyl peroxide**

PEL () 5 mg/m<sup>3</sup>

REL () 5 mg/m<sup>3</sup>

TLV () 5 mg/m<sup>3</sup>

**· Personal protective equipment:**

**· General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

**· Breathing equipment:** Not required.

**· Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**· Eye protection:** Safety goggles recommended.

**9. Physical and Chemical Properties**

**· General Information**

**Form:** Solid

**Color:** Pink

**Odor:** Odorless

**· Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 2230°C (4046°F)

**· Flash point:** Not applicable.

**· Auto igniting:** Product is not self-igniting.

**· Danger of explosion:** Product does not present an explosion hazard.

**· Density:** Not determined.

**· Solubility in / Miscibility with**

**Water:** Insoluble.

**· Solvent content:**

**Organic solvents:** 0.0 %

**· Solids content:** 100.0 %

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**10. Stability and Reactivity**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

**11. Toxicological Information**

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:** The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

**12. Ecological Information**

- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13. Disposal Considerations**

- **Product:**
- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**14. Transport Information**

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15. Regulations**

- **Sara**
- **Section 355 (extremely hazardous substances):**  
None of the ingredient is listed.
- **Section 313 (Specific toxic chemical listings):**  
94-36-0 dibenzoyl peroxide
- **TSCA (Toxic Substances Control Act):**  
All ingredients are listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**  
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**  
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**  
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**  
None of the ingredients is listed.
- **Carcinogeny categories**
- **EPA (Environmental Protection Agency)**  
None of the ingredients is listed.

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**· IARC (International Agency for Research on Cancer)**

9011-14-7 Polymethylmethacrylate 3

14808-60-7 Quartz 1

94-36-0 dibenzoyl peroxide 3

**· NTP (National Toxicology Program)**

14808-60-7 Quartz K

**· TLV (Threshold Limit Value established by ACGIH)**

14808-60-7 Quartz A2

94-36-0 dibenzoyl peroxide A4

**· MAK (German Maximum Workplace Concentration)**

14808-60-7 Quartz 1

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

14808-60-7 Quartz

**· OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**· Product related hazard information:***The product has been classified and marked in accordance with directives on hazardous materials.***· Hazard symbols:***Irritant***· Hazard-determining components of labeling:***dibenzoyl peroxide***· Risk phrases:***May cause sensitization by skin contact.***· Safety phrases:***Keep out of the reach of children.**Avoid contact with skin.**Wear suitable gloves.**If swallowed, seek medical advice immediately and show this container or label.**Dispose of this material and its container at hazardous or special waste collection point**This material and its container must be disposed of as hazardous waste.***· National regulations:****· Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*