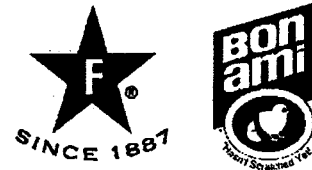


# MATERIAL SAFETY DATA SHEET

## 1. MANUFACTURER / PRODUCT IDENTIFICATION

### Product Identification

Product Name: Kleen King® Stainless Steel &  
Copper Cleaner  
Product Number: 03020, 03021, 03090



### Company Identification

Faultless Starch / Bon Ami Co.  
1025 W 8th Street  
Kansas City, MO 64101 USA  
1-816-842-1230 (For product information)  
1-800-424-9300 (For emergencies)

Reason For Issue...: Change emergency phone number  
Approval Date.....: June 22, 2001  
Supercedes Date....: December 14, 1999  
MSDS Number.....: 03020  
RTN Number.....: 00003020 (Official Copy)

### **NFPA Rating:**

Health - 1, Flammability - 0, Reactivity - 0

## 2. HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
CRYSTALLINE SILICA (QUARTZ)	Confidential	14808-60-7

### **EXPOSURE GUIDELINES:**

#### **CRYSTALLINE SILICA (QUARTZ)**

OSHA PEL: 10 mg/m<sup>3</sup>

ACGIH TWA: Respirable dust 0.1 mg/m<sup>3</sup>

### 3. PHYSICAL / CHEMICAL CHARACTERISTICS

FORM .....: Powder  
COLOR .....: White  
ODOR .....: Pleasant  
BOILING POINT .....: N/A F  
VAPOR DENSITY .....: N/A (Air = 1)  
SOLUBILITY IN WATER ...: 20%  
BULK DENSITY .....: 1.2 g/ml  
PH .....: ~3.2 for a 1% solution in water

### 4. FIRE AND EXPLOSION HAZARD DATA

#### FLAMMABLE PROPERTIES

COC Flash Point: N/A  
Autoignition Temperature: N/A

#### FLAMMABLE LIMITS IN AIR

LEL: N/A  
UEL: N/A

#### FLAMMABLE PROPERTIES:

Active ingredient is not flammable, but packaging material will burn.

#### EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

#### SPECIAL FIRE FIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

### 5. REACTIVITY DATA

#### STABILITY:

Stable.

#### CONDITIONS TO AVOID:

Do not mix with bleach or cleaning products that contain bleach.

#### INCOMPATIBILITY (MATERIALS TO AVOID):

Hydrofluoric acid.

(section 5 continued)

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

Silica will dissolve in hydrofluoric acid and produce a corrosive gas.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**6. HEALTH HAZARD DATA**

**INHALATION RISKS AND SYMPTOMS OF EXPOSURE:**

Repeated or prolonged inhalation of respirable dust in excess of the PEL may cause chronic respiratory disorders.

**SKIN / EYE CONTACT RISKS AND SYMPTOMS OF EXPOSURE:**

Not a skin or eye irritant.

**SKIN ABSORPTION RISKS AND SYMPTOMS OF EXPOSURE:**

None known.

**INGESTION RISKS AND SYMPTOMS OF EXPOSURE:**

Not toxic according to Federal Hazardous Substance and Labeling Act.

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

Prolonged inhalation of respirable silica dust in excess of the PEL may cause delayed lung injury (silicosis).

**CARCINOGENICITY INFORMATION:**

IARC Monographs conclude that there is sufficient evidence for the carcinogenicity of crystalline respirable silica (quartz) to experimental animals and to humans by inhalation of airborne dust.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Pulmonary function may be reduced by inhalation of respirable crystalline silica dust.

**EYE CONTACT FIRST AID:**

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

**INHALATION FIRST AID:**

If exposed to excessive levels of dust, remove to fresh air.

## 7. PRECAUTIONS FOR SAFE HANDLING AND USE

### ACTIONS IF MATERIAL IS RELEASED OR SPILLED:

Use dustless methods (vacuum) so airborne dust does not exceed PEL. If uncontaminated, recover and reuse. If contaminated, collect in suitable containers for disposal.

### WASTE DISPOSAL METHOD:

Not a hazardous substance under the solid waste disposal act. May be disposed of in an approved land disposal facility in accordance with federal, state and local regulations.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid breathing dust. Avoid contact with eyes. Store in a cool, dry area.

### OTHER PRECAUTIONS:

Read and follow label directions carefully.

## 8. CONTROL MEASURES

### RESPIRATORY PROTECTION:

Use approved NIOSH/MSHA respirator if dust exceeds PEL.

### VENTILATION:

Local exhaust to take dust away from user.

### PROTECTIVE GLOVES:

Not required.

### EYE PROTECTION:

Recommend approved safety glasses.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

None required.

### WORK / HYGIENIC PRACTICES:

Observe reasonable care, cleanliness, and caution.

## 9. TRANSPORTATION INFORMATION

PRODUCT LABEL.....: Kleen King® Stainless Steel & Copper Cleaner  
D.O.T. HAZARD CLASS...: Not Regulated

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## 10. REGULATORY INFORMATION

### CHEMICAL INVENTORY INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

### CA Proposition 65

CRYSTALLINE SILICA (QUARTZ) (14808-60-7)

### MISCELLANEOUS INFORMATION:

No toxic chemical(s) subject to the reporting requirements of section 313 Title III and of 40 CFR 372 are present.

## 11. DISCLAIMER

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The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

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END OF MSDS  
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