

MATERIAL SAFETY DATA SHEET**FILTER POWDER**

SECTION 1.	IDENTIFICATION OF PRODUCT
-------------------	----------------------------------

MANUFACTURER PQ Corporation
 ADDRESS Southpoint, P.O. Box 840, Valley Forge, PA 19482-0840
 24-HOUR EMERGENCY TEL NO..... 610/651-4200
 SALES NAME..... Giles Foodservice Equipment Filter Powder
 CHEMICAL NAME Amorphous silicon dioxide, aluminum hydroxide, water.
 TSCA CAS REGISTRY NO 7631-86-9, 1344-28-1, 7732-18-5
 DOT HAZARD CLASS N.A.
 DOT SHIPPING NAME N.A.

SECTION 2.	CHEMICAL AND PHYSICAL DATA
-------------------	-----------------------------------

APPEARANCE & ODOR Damp white powder or lumps. Odorless.
 SPECIFIC GRAVITY (liquids only) N.A.
 SOLUBILITY IN WATER Negligible
 pH (aqueous liquids only) N.A.

SECTION 3.	FIRE AND EXPLOSION HAZARD DATA
-------------------	---------------------------------------

FLASH POINT (° F) Noncombustible.
 FLAMMABLE LIMITS.(vapor in air, vol. N.A.
 FIRE EXTINGUISHING MEDIA N.A.
 SPECIAL FIRE FIGHTING PROCEDURES N.A.
 UNUSUAL FIRE AND EXPLOSION HAZARDS None

SECTION 4.	REACTIVITY DATA
-------------------	------------------------

STABILITY Stable
 CONDITIONS TO AVOID N.A.
 INCOMPATIBILITY (materials to avoid) None known.
 HAZARDOUS DECOMPOSITION PRODUCTS.... None

SECTION 5.	SPILL OR LEAK PROCEDURES
-------------------	---------------------------------

ENVIRONMENTAL HAZARDS No adverse effects known or suspected. Not a RCRA hazardous substance. Does not contain a listed toxic chemical under SARA Title III §302, §304, or §313..
 SPILLAGE Sweep, scoop or vacuum discharged material.
 WASTE DISPOSAL METHOD Landfill according to local, state and federal regulations.

SECTION 6.	HEALTH HAZARD DATA
-------------------	---------------------------

EYE CONTACTMay cause irritation or abrasion.
SKIN CONTACTMay cause irritation.
INHALATIONCauses irritation to lungs and respiratory tract.
INGESTIONNo known hazards.
CHRONIC HAZARDSNo known chronic hazards. Not listed on NTP or IARC carcinogen lists.
SIGNS AND SYMPTOMS OF EXPOSURESneezing and dryness of mucous membranes (inhalation).
Redness and tearing (eye exposure). Dryness or itching (skin exposure).
MEDICAL CONDITIONS
AGGRAVATED BY EXPOSUREAsthma and lung diseases.
FIRST AID PROCEDURESIn case of inhalation, remove to fresh air.

SECTION 7.	SPECIAL PROTECTION INFORMATION
-------------------	---------------------------------------

RESPIRATORY PROTECTION Use NIOSH-certified dust respirator where dust occurs. Observe OSHA regulations for respirator use (29 CFR 1910.134).
GLOVES Loose fitting rubber gloves with separate cotton liners.
EYE PROTECTION Safety glasses or chemical goggles.
OTHER PROTECTIVE EQUIPMENT Safety shower and eyewash fountain should be within direct access.
PERSONAL HYGIENE Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
HANDLING PRECAUTIONS Add slowly to hot oils or fats to avoid violent spattering.
ENGINEERING CONTROL Use with adequate ventilation.

SECTION 8.	SUBSTANCES FOR WHICH STANDARDS HAVE BEEN SET
-------------------	---

COMPONENT Aluminum hydroxide
An OSHA Permissible Exposure Limit for aluminum hydroxide has not been established. However, an OSHA Exposure Limit of 10 mg/m³ total dust and 5 mg/m³ respirable fraction has been established for alpha-aluminum oxide.
COMPONENT Silica, amorphous gel
OSHA Exposure Limit 20 mppcf 8 hr. time weighted average. (6 mg/m³)
TLV® 10mg/m³ Total dust.
EXPOSURE ANALYSIS METHOD NIOSH Manual of Analytical Methods, 4th ed., Method 7501, (1994)

SECTION 9.	SOURCE OF INFORMATION
-------------------	------------------------------

John G. Blumberg

Date: 04/23/04