

FRYMASTER CORPORATION
MATERIAL SAFETY DATA SHEET

SECTION 1.

IDENTIFICATION OF PRODUCT

MANUFACTURER: PQ CORPORATION
ADDRESS: 11 EXECUTIVE MALL, P.O. BOX 840, VALLEY FORGE, PA 19482
EMERGENCY TELEPHONE NUMBER: (215) 293-7200
SALES NAME: FRYMASTER Powder Magic™ Adsorbent
CHEMICAL NAME: γ -Aluminum oxide, Amorphous silicon dioxide, water
TSCA CAS REGISTRY Nos.: 1344-28-1, 7631-86-9, 7732-18-5
DOT HAZARD CLASS: N.A.
DOT SHIPPING NAME: N.A.

SECTION 2.

PHYSICAL DATA

APPEARANCE & ODOR: White powder. Odorless.
SPECIFIC GRAVITY (liquids only): N.A.
SOLUBILITY IN WATER: Negligible
VAPOR PRESSURE (mm Hg at °F, nonaqueous liquids only): N.A.
EVAPORATION RATE (nonaqueous liquids only): N.A.
SOLIDS CONTENT (solutions, dispersions, or pastes only): N.A.
BOILING POINT (°F, nonaqueous liquids only): N.A.
VAPOR DENSITY (nonaqueous liquids only) N.A.
pH (aqueous liquids only): N.A.

SECTION 3.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F): N.A.
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. This material is highly refractory.
HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5.

SPILL OR LEAK PROCEDURES

ENVIRONMENTAL HAZARDS: No adverse effects known or suspected. 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.

N.A. = Not Applicable
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SECTION 6.

HEALTH HAZARD DATA

EYE CONTACT: May cause dehydration or abrasion.
SKIN CONTACT: May cause dehydration.
INGESTION: No known hazard.
INHALATION: May cause irritation to lungs and respiratory tract.
CHRONIC HAZARDS: No known chronic hazards. Not listed by OSHA, NTP or IARC as a carcinogen.
SIGNS AND SYMPTOMS OF EXPOSURE: Sneezing and dryness of mucous membranes (inhalation). Redness and tearing (eye exposure). Dryness, itching or burning (skin exposure).
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Asthma and lung diseases.
FIRST AID PROCEDURES: In case of inhalation, remove to fresh air.

SECTION 7.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N.A.
GLOVES: Protective gloves.
EYE PROTECTION: N.A.
OTHER PROTECTIVE EQUIPMENT: N.A.
PERSONAL HYGIENE: Wash thoroughly after handling.
HANDLING PRECAUTIONS: Add slowly to hot oils or fats to avoid violent spattering.
ENGINEERING CONTROL: N.A.

SECTION 8.

SUBSTANCES FOR WHICH STANDARDS HAVE BEEN SET

COMPONENT: Aluminum oxide
OSHA Exposure Limit: An OSHA Permissible Exposure Limit has not been established for γ -Aluminum₃ oxide. However, an OSHA exposure limit of 10 mg/m³ total dust; 5mg/m³ respirable dust has been established for a-Alumina.
ACGIH Threshold Limit Value: 10 mg/m³
COMPONENT: Amorphous silicon dioxide
OSHA Exposure Limit: 20 mppcf as SiO₂ TWA
TLV^R: 10 mg/m³ TWA Total dust.
EXPOSURE ANALYSIS METHODS: NIOSH Manual of Analytical Methods, 3rd ed., Method 7501, (1984).

SECTION 9.

SOURCE OF INFORMATION

John G. Blumberg

Date: 02/20/91

N.A. = Not Applicable
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