Johnson-Promident Safety Data Sheet

Section 1: Identification

Product Name: Aluminum Oxide Powder

Product Code: 505050,505090

Manufacturer/Supplier: Johnson-Promident

Address: 618 Corporate Way Unit 1, Valley Cottage NY 10989

General Information: 845-589-0210

Emergency Number: Chemtrec: 800-424-9300

Section 2: Hazard(s) Identification

Health Hazards

Acute: May cause coughing and shortness of breath

Chronic: May affect breathing capacity

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: NAIF

Medical Conditions Generally Aggravated by Exposure: NAIF

Section 3: Composition/Information on Ingredients

Hazardous Components (Specific Chemical Identity; Common Name(s))

OSHA PEL ACGIH TLV % (optional)

Aluminum Oxide (Al_2O_3) 10 mg/m³ 10 mg/m³ 99%

Impurities total less than 1%

 $TiO_2+SiO_2+FeO_2+Na_2O+MgO+K_2O+CaO+ZrO_2+MnO+Cr_2+O+C$

Section 4: First-Aid Measures

Routes of Entry Inhalation: Yes Skin: Yes

Ingestion: Yes

Inhalation: Remove to fresh air. Obtain first aid or medical attention if needed.

Ingestion: Obtain first aid or medical attention if needed. **Skin**: Obtain first aid or medical attention if needed.

Eye: Wash with large amounts of water.

Section 5: Fire-Fighting Measures

Flash Point: NAIF

Extinguishing Media: NAIF

Flammable Limits: (LEL) N/A (UEL) N/A
Special Firefighting Procedures: None
Unusual Fire and Explosion Hazards: None

Section 6: Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled: Normal cleanup procedures,

respirators may be required.

Section 7: Handling and Storage

Precautions To Be Taken in Handling and Storage: Handle with adequate ventilation for nuisance dust.

Section 8: Exposure Controls/Personal Protection

Respiratory Protection: As needed, approved dust respirator

Ventilation:Local Exhaust: RecommendedSpecial: NAIF

Mechanical (General): Recommended. Other: NAIF

Protective Gloves: As Desired Eye Protection: Goggles Recommended

Other Protective Clothing or Equipment: NAIF Work/Hygienic Practices: NAIF

Section 9: Physical and Chemical Properties

Boiling Point: NAIF Specific Gravity (H2O=1): 3.95

Vapor Pressure (mm Hg): NAIF Melting Point: 2040°C

Vapor Density (AIR=1): NAIF Evaporation Rate (Butyl Acetate=1): NAIF

Solubility in water: insoluble

Section 10: Stability and Reactivity

Stability: Stable Conditions to Avoid: None

Incompatibility: NAIF

Hazardous Decomposition or Byproducts: NAIF

Hazardous Polymerization: Will not Occur

Hazardous Decomposition or Byproducts: NAIF

Section 11: Toxicological Information

Section 12: Ecological Information* (non-mandatory)

Section 13: Disposal Considerations* (non-mandatory)
Waste Disposal Method: Standard landfill methods consistent with federal, state, and local laws.
Section 14: Transport Information* (non-mandatory)
Section 15: Regulatory Information* (non-mandatory)
Section 16: Other Information