MATERIAL SAFETY DATA SHEET
For Lith-X Dry Powder Extinguishing Agent

Section 1: CHEMICAL PRODUCT / COMPANY IDENTIFICATION
Material Identification
Product: Lith-X Dry Powder Extinguisher Agent
Synonyms: L2 Powder, D Class Powder
CAS No: Mixture - No Single CAS # Applicable.

Company Identification
Manufacturer: Ansul Incorporated, 1 Stanton Street, Marinette, WI 54153-2542, USA

Section 2: COMPOSITION / INFORMATION ON INGREDIENTS
Components [Chemical & Common Name]  WI (%)  CAS No.  ACGIH TLV  Toxicity Data
Graphite  93  7782-42-5  5mg/m^3  NDA
Magnesium Aluminium Silicate  4-6  8031-18-3  10mg/m^3  NDA
Magnesium Stearate  1-3  557-04-0  Not Established

Section 3: HAZARDS IDENTIFICATION
For Humans:
Threshold Limit Value: OSHA nuisance dust limit of 15mg/m^3 or ACGIH Nuisance dust value of 10mg/m^3 for the 8 hour time-weighted average.

Routes of entry:
Eye Contact: Mildly irritating for short period of time.
Skin Contact: May be mildly irritating.
Inhalation: Usual route of entry. Causes irritation to the upper respiratory tract. Possible allergenic.
Ingestion: Not an expected route of entry with normal use.

Signs and symptoms: Acute overexposure: Transient cough, shortness of breath. Possibly bronchitis.
Chronic overexposure: Causes Pulmonary fibrosis, emphysema and corpulmonale have resulted from prolonged inhalation of graphite dust.

Medical Conditions: Reactive airway, chronic obstructive pulmonary disease.

Generally aggravated by: Exposure
Chemical Listed as: NTP  IARC Monographs  OSHA
Carcinogen or potential: No  No  No
Section 4 FIRST AID MEASURES
Inhalation: Remove victim to fresh air. seek medical attention if discomfort continues.
Eye Contact: Flush with large amounts of water; if irritation persists, seek medical attention.
Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.
Ingestion: If patient is conscious, give large amounts of water and induce vomiting. Seek medical help.

Section 5 FIRE FIGHTING MEASURES
Special Fire Fighting Procedures: NONE - THIS IS AN EXTINGUISHING AGENT
Unusual fire & explosion hazards: None

Section 6 ACCIDENTAL RELEASE MEASURES
Personal Precautions
Protective Gloves: N/A
Eye Protection: Recommended as mechanical barrier for prolonged exposure
Other equipment: If irritation occurs, long sleeves and impervious gloves recommended

Environmental Precautions
Steps to be taken if material is spilled or released: Sweep up

Clean-up methods

Section 7 STORAGE & HANDLING
Precautions to be taken in storage & Handling: Store in original container.
Other precautions: Do not mix agents. Note incompatibility in Section 10.

Section 9 EXPOSURE CONTROLS / PERSONAL PROTECTION
Respiratory Protection: Dust mask where dustiness is prevalent or TLV exceeded. Mechanical filter respirator if exposure is prolonged.
Ventilation: Local Exhaust: Discretionary Mechanical (General): Recommended
Protective Gloves: N/A
Eye Protection: Recommended as mechanical barrier for prolonged exposure
Other Equipment: If irritation occurs, long sleeves and impervious gloves recommended
Section 9 PHYSICAL AND CHEMICAL PRODUCTS
Appearance & Odour: Black coloured powder, no characteristic odour.
Boiling Point: N/A         Specific Gravity (H2O = 1): N/A
Vapour Pressure (mm Hg): N/A Percent Volatile by Volume: N/A
Vapour Density (Air = 1) N/A Evaporation Rate (= 1): N/A
Solubility in Water:    Slight Reactivity In Water: Unreactive
Flash Point:            None Flammable Limits in Air % by vol. N/A
Extinguisher Media:     N/A Auto Ignition Temperature: N/A

Section 10 STABILITY AND REACTIVITY
Conditions to avoid: None Stability: Stable Conditions To Avoid: N/A
Hazardous Polymerisation: Will not occur Conditions To Avoid: N/A

Materials to avoid:
Incompatibility (Materials to avoid): CIF₃, F₂, K₂O.
Hazardous Decomposition Products: Unknown

Section 11 TOXOLOGICAL INFORMATION
Toxological Information: This product has not been tested for toxological effects. Product is treated as a nuisance dust.

Section 12 ECOLOGICAL INFORMATION
Degradability: Not Tested Environmental Impact Rating: Not Tested
Acute Aquatic Toxicity: Not Determined

Section 13 DISPOSAL CONSIDERATIONS
Product: Dispose of in accordance with local regulations.