

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/m³ or ACGIH Nuisance dust value of 10mg/m³ 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 aggrivated 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

Waste Disposal Methods: Dispose of in compliance with Federal, State and local regulations.

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 (H ₂ O = 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):	ClF ₃ , F ₂ , K ₂ O.
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.