

I. Identification of the Substance / Preparation and of the Company

I.1 Trade Name: LITH-X Dry Powder Extinguishing Agent
I.2 Manufacturer/Supplier: ANSUL INCORPORATED
 Address: One Stanton Street, Marinette, WI 54143-2542
 Prepared by: Safety and Health Department
 Phone:
 Fax:
 Internet/Home Page Address: <http://www.ansul.com>
I.3 Emergency Phone Number: CHEMTREC 800-424-9300 OR (703) 527-3887
I.4 Date Prepared:

II. Composition / Information on Ingredients

II.1 Chemical Formula: N/A CAS No: N/A
 Chemical Name: N/A This is a Mixture Chemical Family: Mixture
II.2 Substances with Exposure Limits:

Component(s) [chemical and common name(s)]	WI.%	CAS No.	ACGIH TLV	Acute Toxicity Data
Graphite	93	7782-42-5	5 mg/M ³	NDA
Magnesium Aluminium Silicate (Attapulgitte Clay)	4 - 6	8031-18-3	10 mg/M ³	NDA
Magnesium Stearate	1 - 3	557-04-0		Not established

III. Hazards Identification

III.1 For Humans:
 Threshold Limit Value OSHA nuisance dust limit of 15mg/M³ or ACGIH nuisance dust value of 10mg/M³ for the eight-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 of 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 of pulmonary fibrosis, emphysema and cor pulmonale have resulted from prolonged inhalation of graphite dust.
 Medication conditions generally aggravated by exposure: Reactive airway, chronic obstructive pulmonary disease (COPD).
 Chemical Listed as National Toxicology Program: I.A.R.C. Monographs OSHA:
 Carcinogen or Potential: Yes No Yes No Yes No
III.2 For Environment:

IV. First Aid Measures

IV.1 Inhalation: Remove victim to fresh air. Seek medical attention if discomfort continues.
IV.2 Eye Contact: Flush with large amounts of water; if irritation persists, seek medical attention.
IV.3 Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.
IV.4 Ingestion: If patient is conscious, give large amounts of water and induce vomiting. Seek medical help.

V. Fire-Fighting Measures

Special Fire Fighting Procedures: NONE – THIS IS AN EXTINGUISHING AGENT
 Unusual Fire and Explosion Hazards: None

VI. Accidental Release Measures

- VI.1** Personal Precautions:
Protective Gloves: N/A
Eye Protection: Recommended as mechanical barrier for prolonged exposure.
Other Protective Clothing or Equipment: If irritation occurs, long sleeves and impervious gloves should be worn.
- VI.2** Environmental Precautions:
Steps to be taken in case material is released or spilled: Sweep up.
- VI.3** Clean-up Methods:
Waste Disposal Methods: Dispose of in compliance with local, state or federal regulations.

VII. Storage and Handling

- VII.1** Precautions to be taken in Handling and Storage: Store in original container or Ansul fire extinguisher.
- VII.2** Other Precautions: Do not mix agents. Note incompatibility in Section X.

VIII. Exposure Controls / Personal Protection

- VIII.1** Breath 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
- VIII.2** Hand Protection:
Protective Gloves: N/A
- VIII.3** Eye Protection: Recommended as mechanical barrier for prolonged exposure.
- VIII.4** Body Protection:
Other protective clothing or equipment: If irritation occurs, long sleeves and impervious gloves should be worn.

IX. Physical and Chemical Properties

Appearance and 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

X. Stability and Reactivity

- X.1** Conditions to avoid: Stability: Unstable Conditions to avoid: N/A
Stable
- Hazardous Polymerisation: May occur Conditions to avoid: N/A
Will not occur
- X.2** Materials to avoid:
- X.3** Incompatibility (materials to avoid): ClF₃, F₂, K₂O
Hazardous decomposition products: Unknown

XI. Toxicological Information

- XI.1** Toxicological Information: This product has not been tested for toxicological effect. Product is treated as a nuisance dust.

XII. Ecological Information

- XII.1** Degradability: Not tested
- XII.2** Environmental Impact Rating: Not tested
- XII.3** Acute Aquatic Toxicity: Not determined
- XII.4** Other indications:

XIII. Disposal Considerations

XIII.1 Product: Dispose of in accordance with local regulations.

XIV. Transport Information

XIV.1 Country Transport: No unusual transportation requirements are known to exist for this product.

XIV.2 Inland Navigation: No unusual transportation requirements are known to exist for this product.

XIV.3 Maritime Shipping: No unusual transportation requirements are known to exist for this product.

XIV.4 Aviation: No unusual transportation requirements are known to exist for this product.

XV. Regulatory Information

XV.1 EEC Labelling

Symbols: This is not a regulated material.

R-phrases: This is not a regulated material.

S-phrases: This is not a regulated material.

Other information:

XVI. Other Information

XVI.1 Further information Contact Ansul Incorporated.