



SAFETY DATA SHEET (SDS)

This SDS complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and UN GHS (9th edition)

Product Name:	Dry Powder Fire Extinguisher
Models:	FF1KG (2.5 lb), FF2KG (5 lb)
Manufacturer:	Ougist
Address:	21137 COMMERCE POINTE DR, WALNUT, CA 91789
Emergency Phone (24h):	_____
Revision Date:	2025-09-05

1. Identification

Product Identifier: Dry Powder Fire Extinguisher

Models: FF1KG (2.5 lb), FF2KG (5 lb)

Recommended Use: Fire extinguishing agent for incipient fires.

Restrictions: Do not use on fires not indicated by product label.

Manufacturer: Ougist, 21137 COMMERCE POINTE DR, WALNUT, CA 91789.

Emergency Phone (24h): _____

2. Hazard(s) Identification

Classification: Gases under pressure — Compressed Gas.

Signal Word: Warning.

Hazard Statements: H280 — Contains gas under pressure; may explode if heated.

Precautionary Statements: Prevention: Avoid breathing dust/fumes. Response: If inhaled, remove to fresh air. Storage: Protect from sunlight, ventilated storage. Disposal: Dispose in accordance with local regulations.

Other Hazards: Heating may rupture cylinder; frostbite risk from discharge.

Pictogram: Gas Cylinder

3. Composition / Information on Ingredients

Mixture:

- Ammonium dihydrogen phosphate | CAS 7722-76-1 | 75%
- Ammonium sulphate | CAS 7783-20-2 | 15%
- Mica | CAS 14807-96-6 | 9.7%
- Nitrogen | CAS 7727-37-9 | 0.3%

4. First Aid Measures

General: Seek immediate medical attention.

Inhalation: Move to fresh air. Keep airway open. Get medical help.

Skin: Wash thoroughly with water. Remove contaminated clothing. Seek care if irritation persists.

Eyes: Rinse with clean water for at least 15 minutes. Get medical help.

Ingestion: Rinse mouth. Do not induce vomiting. Get immediate medical attention.

Advice for first-aiders: Use PPE. Notes: Treat symptomatically.

5. Firefighting Measures

Suitable Media: Water, foam, dry powder, CO₂.

Unsuitable Media: None identified.

Hazards: Cylinders may rupture violently under heat.

Protection: SCBA, protective clothing. Prevent contaminated runoff.

6. Accidental Release Measures

Personal Precautions: Ventilate; evacuate personnel; wear PPE.

Environmental: Prevent release to drains/soil.

Cleanup: Sweep up powder. Collect for disposal. Move leaking cylinders outdoors.

7. Handling and Storage

Handling: Use in ventilated areas. Avoid heat/sparks. Trained personnel only.

Storage: Store upright in cool, ventilated warehouse. Protect from sunlight/heat.

8. Exposure Controls / Personal Protection

Exposure Limits: OSHA PEL 15 mg/m³ (nuisance dust); ACGIH TLV 10 mg/m³.

Engineering: Provide ventilation, eyewash, safety shower.

PPE: Goggles, gloves, dust mask, protective clothing.

9. Physical and Chemical Properties

Appearance: Black cylinder, pale blue powder.

Odor: Weak.

Melting Point: >350°C.

Flammability: Non-flammable.

Explosion Hazard: Cylinder may rupture if heated.

10. Stability and Reactivity

Reactivity: Stable.

Stability: Stable under recommended use.

Conditions to Avoid: Heat, sparks, humidity.

Incompatible: Strong oxidizers, acids, bases.

Decomposition: Ammonia, phosphorous oxides.

11. Toxicological Information

Acute Toxicity: Not available.

Irritation: May cause mild irritation.

Carcinogenicity: Not classified.

Sensitization: Not available.

Mutagenicity: Not available.

Reproductive: Not available.

Aspiration Hazard: Not available.

Aquatic Toxicity: Not available.
Chronic Toxicity: Not available.
Bioaccumulation: Not available.
Persistence: Not available.
Mobility: Not available.
Other: Avoid uncontrolled releases.

12. Ecological Information

13. Disposal Considerations

Dispose of product and packaging per regulations.
Recycle when possible. Treat containers as hazardous even when empty.

14. Transport Information

UN Number: UN1044
Proper Shipping Name: Fire Extinguishers, with compressed or liquefied gas
Class: 2.2 (Non-flammable, non-toxic gas)
Label: Gas Cylinder
Marine Pollutant: No
Precautions: Secure upright. Protect from sunlight/heat.

15. Regulatory Information

Inventories: All components listed (EINECS, TSCA, DSL, IECSC, NZIoC, PICCS, KECL, AICS).
OSHA HCS: Applicable.
WHMIS: Class A (Compressed Gas).
SARA 313: Not listed.
GHS: UN GHS (9th edition).

16. Other Information

Revision Date: 2025-09-05
Manufacturer: Ougist, WALNUT, CA.

Disclaimer: Information provided for safe handling and compliance. Ougist assumes no liability for misuse.

