



# SAFETY DATA SHEET (SDS)

Prepared according to UN GHS (9th revised edition). Customer edition based on the source SDS.

|                       |                                            |
|-----------------------|--------------------------------------------|
| Product Name          | Dry Powder Fire Extinguisher               |
| Model                 | DSFS600                                    |
| Supplier / Brand      | Ougist                                     |
| Address               | 21137 COMMERCE POINTE DR, WALNUT, CA 91789 |
| Emergency Phone (24h) | Not provided                               |
| Source SDS Revision   | 2024-12-15                                 |
| Source SDS Expiration | Valid until 2028 (source wording)          |

## 1. Identification

**Product Identifier:** Dry Powder Fire Extinguisher; model DSFS600. The source Section 1 also calls the product Dry Stop Fire Extinguisher.

**Recommended Use:** Fire extinguishing agent; follow the product label.

**Uses Advised Against:** Consult the supplier for uses not covered by the label.

**Supplier:** Ougist, 21137 COMMERCE POINTE DR, WALNUT, CA 91789

**Emergency Telephone:** Not provided in this customer edition.

## 2. Hazard(s) Identification

**GHS Classification:** Gases under pressure - compressed gas, as stated in the source SDS.

**Signal Word / Pictogram:** Warning / gas cylinder.

**Hazard Statement:** H280: Contains gas under pressure; may explode if heated.

**Prevention:** P261: Avoid breathing dust, fume, gas, mist, vapor or spray. P272: Do not take contaminated work clothes out of the workplace.

**Response:** P312: Call a poison center or doctor if unwell. P304+P340: If inhaled, move to fresh air and keep at rest.

**Storage / Disposal:** P403+P233 and P410+P403: Store closed, protected from sunlight, in a ventilated area. P501: Dispose according to applicable rules.

**Other Hazards:** High heat may raise internal cylinder pressure and cause rupture.

## 3. Composition / Information on Ingredients

Mixture; concentrations by weight as stated in the source SDS.

| Component                     | CAS No.    | Weight |
|-------------------------------|------------|--------|
| Ammonium dihydrogen phosphate | 7722-76-1  | 75%    |
| Ammonium sulfate              | 7783-20-2  | 15%    |
| Mica                          | 14807-96-6 | 9.7%   |
| Nitrogen                      | 7727-37-9  | 0.3%   |

## 4. First Aid Measures

**General:** Seek medical attention; show this SDS to the attending clinician.

**Inhalation:** Move to fresh air, keep the airway open and seek help if unwell.

**Skin:** Wash with plenty of water and remove contaminated clothing and shoes.

**Eyes:** Rinse with running water or saline; seek medical attention if needed.

**Ingestion:** Rinse mouth and seek medical attention. Follow medical advice regarding vomiting.

**Advice to First-Aiders:** Use appropriate protection and avoid spreading contamination. Treat symptomatically; symptoms may be delayed.

## 5. Firefighting Measures

**Suitable Extinguishing Media:** Water, alcohol-resistant foam, dry powder or carbon dioxide.

**Unsuitable Media:** No data available in the source SDS.

**Protection:** Use self-contained breathing apparatus and full protective gear. Fight from a safe distance and prevent contaminated runoff.

## 6. Accidental Release Measures

**Personal Precautions:** Ventilate, remove ignition sources, evacuate personnel and use appropriate protective equipment. Avoid inhaling vapor, mist, gas or dust.

**Environmental Precautions:** Avoid release to the environment.

**Cleanup:** Collect material promptly and dispose of it under applicable law.

## 7. Handling and Storage

**Handling:** Use with ventilation. Trained operators should follow procedures. Keep away from fire, heat and smoking.

**Storage:** Store in a cool, ventilated place away from fire and heat.

## 8. Exposure Controls / Personal Protection

**Exposure Limits:** Source SDS lists occupational limits as unspecified for all components in the jurisdictions shown.

**Engineering Controls:** Provide ventilation, eyewash and safety shower access; provide an emergency exit.

**PPE:** Safety goggles, protective gloves, ordinary protective mask and protective clothing. Maintain good hygiene; no eating, drinking or smoking at the worksite.

## 9. Physical and Chemical Properties

**Appearance:** Black metal cylinder containing pale-blue powder.

**Odor:** Weak.

**Melting / Freezing Point:** >350 C, as reported in the source SDS.

**Flammability:** Non-flammable.

**Other Data:** No data available for pH, boiling point, flash point, evaporation rate, explosive limits, vapor pressure/density, relative density, solubility, partition coefficient, auto-ignition, decomposition temperature or viscosity.

## 10. Stability and Reactivity

**Reactivity:** Contact with incompatible materials may cause decomposition or other reactions.

**Stability:** Stable under correct conditions of use and storage.

**Conditions to Avoid:** Electrostatic discharge, heat and humidity.

**Incompatible Materials:** Strong oxides, strong acids and strong bases (source wording).

**Hazardous Decomposition:** Not expected under normal storage and use; no further data available.

## 11. Toxicological Information

**Acute Toxicity:** LD50/LC50 data not available for the mixture.

**Carcinogenicity:** Source SDS lists all components as not listed by IARC or NTP.

**Other Endpoints:** No data available for irritation, sensitization, reproductive effects, target-organ toxicity, aspiration hazard or mutagenicity.

## 12. Ecological Information

**Aquatic Toxicity:** No acute or chronic fish, crustacean or algae data available.

**Other Data:** Persistence, bioaccumulation, soil mobility and PBT/vPvB evaluations not available.

## 13. Disposal Considerations

Recycle where possible. Residual hazards may remain in emptied packaging. Keep away from heat and ignition sources and follow applicable disposal rules.

## 14. Transport Information

**UN Number / Name:** UN1044 / FIRE EXTINGUISHERS with compressed or liquefied gas

**Transport Class / Packing Group:** Class 2.2 (non-flammable, non-toxic gas); packing group not applicable.

**Marine Pollutant:** No.

**Precautions:** Protect from heat and direct sunlight. Secure cylinders against movement during transport.

**Bulk Transport:** Not applicable according to the source SDS.

## 15. Regulatory Information

The source SDS lists ammonium dihydrogen phosphate, ammonium sulfate and nitrogen in EINECS, TSCA, DSL, IECSC, NZIoC, PICCS, KECL and AICS. It marks mica as not listed in those inventories.

## 16. Other Information

**Source SDS Date:** 2024-12-15; source report states valid until 2028.

This is a customer-facing reformat of the source SDS, not a laboratory-issued report. Confirm the model designation against the product label. Use the original report when laboratory authentication is required.