



Zuff Fire Suppression

Technical Data Sheet

Product Description

The Zuff Fire Suppressor is a compact, portable fire-suppression device designed for residential, commercial, automotive, and travel settings. Its innovative formulation enables effective extinguishing of multiple fire types while remaining easy to use and store.

Manufacturer

- **Zuff Fire GmbH**
- Stollestr. 22, 01159 Dresden, Germany
- firezuff.com

Extinguishing Agent

- **Type:** Proprietary Zuff fire suppression fluid (foam-based formula)
- **Active Ingredient:** Carbonic acid, monoammonium salt (CAS 1066-33-7), 10–20% by weight
- **Other Ingredients:** Diethylene glycol monobutyl ether, water carrier, additives
- **Total Fluid Volume:** 250 ml (typical for mini extinguishers)
- **Agent Properties:** Easy clean-up, leaves no residue.

Physical & Performance Data

Parameter	Value
Size (height x diameter)	Approx. 100 x 55 x 165mm
Weight (full)	Approx. 0.3 kg
Operating Pressure	Not pressurized; activation (manual)
Discharge Range	1–1.2 meters

Discharge Time	10–20 seconds
Working Temp Range	–40°C to +70°
Shelf Life	5 years
Pouch Material	PE/NA (A blend of recycled polyethylene)
Certification	Meets EU safety and labeling requirements

Suitable Fire Classes

Class	Example
A	Wood, paper, textiles
B	Flammable liquids/gas
C	Gas fires
D	Metal fires e.g., magnesium
E	Electrical fires
K/F	Oils, fats (kitchen)
	Lithium Batteries: Lithium test standards not defined yet

							
Tested							
Certified							

Features

- Lightweight and compact; fits kitchen drawers, glove compartments, bags
- Simple one-handed operation
- Rapid knockdown by cooling and suffocation of flames
- Reusable until empty
- Non toxic

Safety & Handling

- Keep out of reach of children
- Do not pierce or burn the pouch, even after use
- Avoid direct contact with skin/eyes/mouth/nose; rinse well if exposed
- Store in a dry, cool place, shielded from direct sunlight
- Do not expose to temperatures over 50°C

Regulatory Information

- Complies with REACH and EU CLP regulations
- No substances with annex restrictions (Annex XIV, XVII, or POP) in the [Zuff-Safety-Data-Sheet.pdf](#)
- HS customs code: 8424.10.00-00 (See [Zuff-Safety-Data-Sheet.pdf](#))
- Not classified as hazardous waste under normal use or disposal

First Aid

- Inhalation: Remove to fresh air; seek medical attention if unwell
- Skin: Wash with water; consult a doctor if irritation persists
- Eyes: Rinse with water, remove contacts, seek medical advice
- Ingestion: Do not induce vomiting; consult medical personnel

Environmental

- Not considered hazardous to the environment under normal use
- Avoid release to the environment; do not flush into public water or sewers
- Packaging should be disposed of in accordance with local/national regulations

Note: Specifications may vary by batch or version. Always refer to the product label or the manufacturer's instructions for detailed information and regulatory notices.

This sheet incorporates information from the Zuff Safety Data Sheet, technical sheet templates, and standard mini extinguisher specifications for comprehensive coverage.