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Geneva International Centre
for Humanitarian Demining**



PFM 1 Series APM “Quick Look” Brief

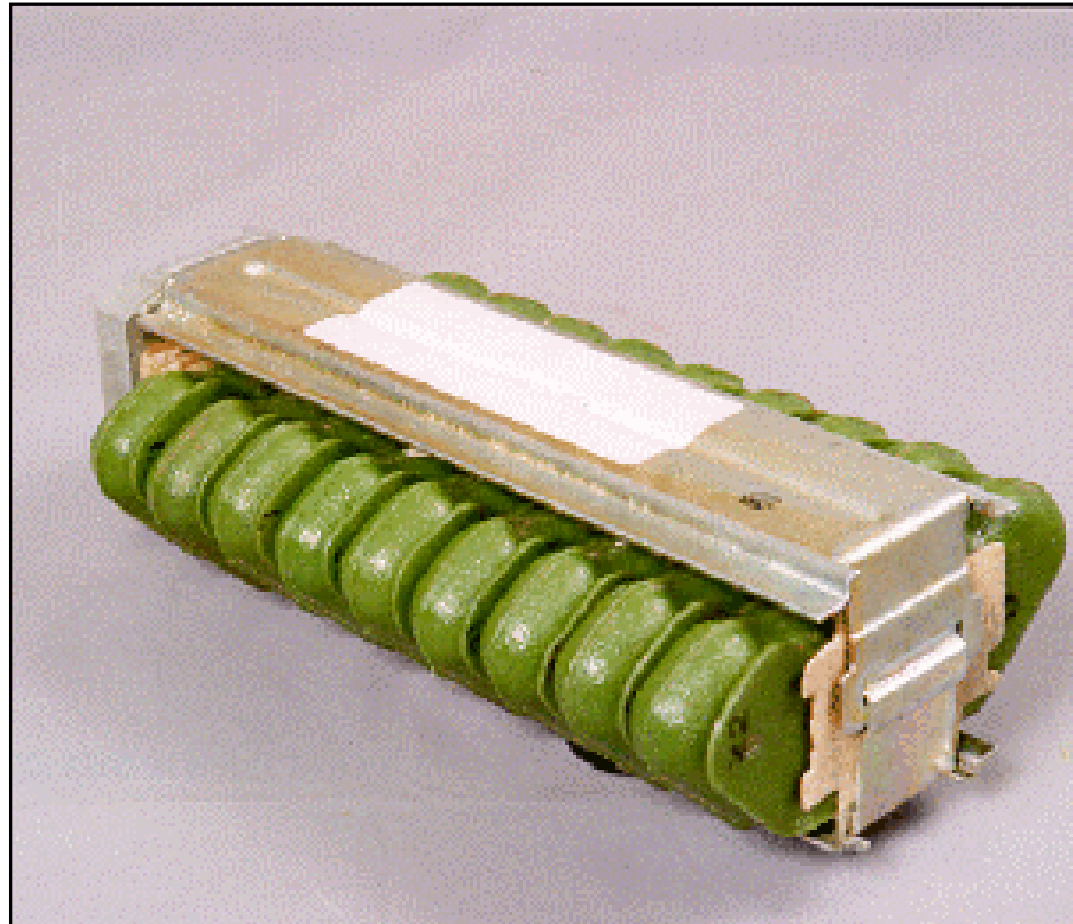


Characteristics

- ❑ **APM Weight: 80g**
- ❑ **Liquid Explosive Weight: 40g**
- ❑ **Packed in “clusters” of 64 or 72 mines. (KSF1 or KSF 1-S)**
- ❑ **Each “cluster” contains 4 “clips”.**



PFM 1 Packing





Delivery Systems

- ❑ Helicopter
- ❑ Aircraft
- ❑ Free Flight Rocket
- ❑ Vehicle Dispenser





Potential Risks and Hazards

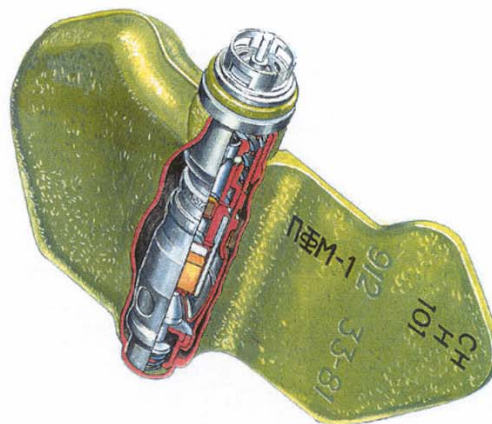
- ❑ **Liquid explosive is probably corrosive.**
- ❑ **Products of burning and detonation probably toxic. (HCl production).**
- ❑ **Shelf life expired.**
- ❑ **Possible degradation of internal seals, internal chemical reactions and external safety systems.**
- ❑ **PFM-1S has a 1 hour to 40 hour self destruct fuze.**



GICHD Study Report SG.700.3 (Phase 1)

30 April 2001

**An examination of the technical
factors influencing destruction
methodology for the PFM 1
Series APM**

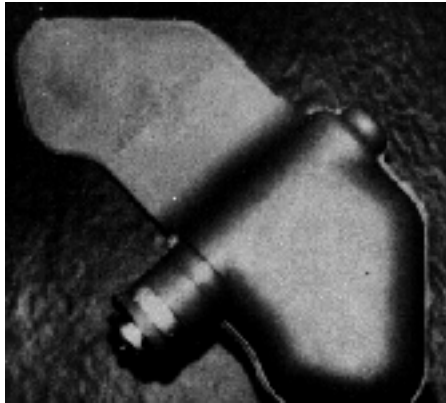


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