

# Product Data Sheet

No. **31073** - 03/21

## FAULT-FINDER® DEVELOPER

PRODUCT NUMBERS: 1073 7.5-OZ. NET WT. AEROSOL

### I. GENERAL DESCRIPTION

**Description:** Fault-Finder Developer contains no chlorine or sulfur bearing solvents. Group 1 was developed specifically for testing materials where halogenated safety solvents are not permitted.

**Benefits:** Conforms to MIL-I-25135. Meets residual chlorine and sulfur requirements of NAVSHIPS 250-1500 and MIL STD 271 (sec. 5.3.1). Provides a portable and accurate inspection system. It is very versatile and simple to use, affording immediate results.

**Uses:** Use on metals, glass and plastic to reveal material faults.

**Application:** Pre-clean parts or surface with #1071 Cleaner. Apply a heavy wet film and let soak. Wipe clean and repeat as necessary. Dry thoroughly before using Penetrant. Spray #1072 Penetrant on area and allow to soak, up to 20 minutes. Remove while still damp. Wet a cloth with #1071 Cleaner and wipe surface to remove surface Penetrant. Excess Penetrant may distort test indications. Shake #1073 Developer thoroughly until agitator ball rattle. Apply Developer holding can 8" to 12" from surface. **Developer may be applied immediately after excess penetrant has been removed, but not longer than 10 minutes prior to visual inspection.** Cracks, pores, and faults will now be outlined in RED. Invert can and spray momentarily to clean spray head.

**Limitations:** Please refer to the Safety Data Sheets for specific information on material hazards, etc.

**Packaging:**

Aerosol:	Cans (12 oz.)	7.5 oz. net wt. (213g)	10 fl. oz. (296ml)
	Case - 12 cans/case	10 lbs. (4.5kg)	0.018 CF (0.005CM)

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## II. CHARACTERISTICS & PROPERTIES

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### Specifications:

MIL-I-25135, NAVSHIPS 250-1500, MIL STD 271.

### Appearance:

Non-foaming liquid

### Color:

Milky White

### Odor:

Ketone

### Dry Schedule:

<3 minutes

### Performance and Chemical Properties:

### Aerosol

Weight per gallon .....	6.1 lbs
Specific gravity .....	0.73
Viscosity in centipoise .....	Not applicable
Flammability: Label marking .....	Extremely Flammable
Flash point.....	<0 °F (-18°C)
Active ingredients by weight.....	8%
Volatile Organic Compound level.....	92%
Operating temperature range.....	40° to 110°F (5° to 43°C)
Boiling point @ 760mm Hg .....	Not applicable
Evaporation rate (Butyl Acetate = 1) .....	>1
KB value.....	Not applicable
Dielectric strength (ASTM D877) .....	Not applicable
Surface tension .....	Not applicable
Food contact rating .....	Not applicable

**Base Materials:** ..... Proprietary

**Propellant system:** ..... Hydrocarbon

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## III. SHIPPING, STORAGE AND HEALTH

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UN number.....	UN1950
Proper Shipping Description .....	Aerosols
Hazard Class.....	2.1
Packing Group .....	N/A
Limited Quantity .....	Yes
Warehouse storage level number .....	NFPA 30B Level 3
Storage temperature .....	32° to 120°F (0° to 49°C)
Shelf life .....	1 to 3 years

### HMIS ratings

Health.....	2
Fire .....	4
Reactivity.....	1

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## IV. MISCELLANEOUS

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Contains no Ozone Depleting Substances (O.D.S.)

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## V. WARRANTY

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1-year performance warranty on all products from date of purchase. Report to home office or local Aerovee representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.