

## Health & Safety data sheets

### SECTION 1 - IDENTIFICATION OF PREPARATION

**Product name:**

- Cuvets cleaning solution

**Application:**

- Antistatic solution for cuvettes cleaning.

**Code No. :**

- HI93703-50

**Manufacturer  
identification:**

HANNA INSTRUMENTS  
V.le delle Industrie 12  
Ronchi di Villafranca  
PADOVA ITALY

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization:**

- Solution in water

**Chemical composition:**

- Ethanol (CAS No.: 64-17-5; EEC No.:200-578-6): **<20%**
- Other ingredients

### SECTION 3 - HAZARD IDENTIFICATION

Flammable.

### SECTION 4- FIRST AID MEASURES

**Eye and skin contact:**

- Wash thoroughly with plenty of water for at least 10 minutes. If discomfort persists **OBTAIN MEDICAL ATTENTION**

**Skin contact:**

- Wash with plenty of water
- Remove contaminated clothing and wash before reuse

**Ingestion:**

- Wash out mouth thoroughly with water. In severe cases, obtain medical attention.

**Inhalation:**

- Remove from exposure, rest and keep warm. In severe cases **OBTAIN MEDICAL ATTENTION**

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### SECTION 5 - FIRE FIGHTING MEASURES

**Special risks:**

- Flammable. Vapor/air mixture explosive

**Fire extinguisher:**

- Water spray, dry powder or vaporizing liquids.

**Fire precaution:**

- Wear appropriate protective clothing

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**In case of accidental spill or release:**

- Shut off all sources of ignition. Do not smoke
- Wear appropriate clothing to protect from contamination
- If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water.
- Absorb on an inert absorbent, transfer carefully to container and contact a disposal company for removal or local authorities for advice
- Ventilate area to dispel residual vapor

### SECTION 7- HANDLING AND STORAGE

**Handling:**

- Do not eat or drink while handling this material
- Wash hands and face after working with material

**Storage:**

- Store at room temperature (@ 15-25°C)
- Keep container closed in a cool place, protected from direct sunlight and moisture
- Keep away from children

### SECTION 8- EXPOSURE CONTROL/PERSONAL PROTECTION

As appropriate to quantity handled

**Respiratory protection:**

- NA

**Protective gloves:**

- Rubber or plastic

**Eye protection:**

- Goggles/face shield

### SECTION 9- PHYSICAL/CHEMICAL PROPERTIES

**Appearance and odor:**

- Pink liquid, slightly soapy
- Characteristic

**Water reactivity:**

- Non reactive

**Solubility in water:**

- miscible

**Melting point:**

- NA

**Boiling point:**

- ND

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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### SECTION 10- STABILITY AND REACTIVITY

**Stability:**

- Stable.

**Substances and conditions to be avoided:**

- Heat, flames.

**Hazardous decomposition products:**

- May evolve toxic fumes in fire.

### SECTION 11- TOXICOLOGICAL INFORMATION

**In case of eye contact:**

- Irritation

**In case of ingestion:**

- Damage to mucous membranes. Rapid absorption.

**In case of inhalation:**

- Irritation of mucous membranes in the respiratory system, coughing

**In case of skin contact:**

- Irritation

### SECTION 12- ECOLOGICAL INFORMATION

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

### SECTION 13- DISPOSAL CONSIDERATIONS

**Waste disposal:**

- Chemicals are generally classified as special waste and thus covered by local regulations. Contact authorities or disposal companies for advice.
- Wash empty containers before recycling

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### SECTION 14- TRANSPORT INFORMATION

UN-No.: 1170                      IMDG class: 3.2  
IMO: 3.2/1170                    Packaging group: II  
IATA: 1170                        Packaging group: II

Correct technical name: ETHANOL SOLUTION  
ADR/RID: 3.3' (b)

### SECTION 15- REGULATORY INFORMATION

#### **Labeling according to EEC directives:**

Symbol:                        **F**  
R-phrases: 10                *Flammable.*  
S-phrases: 25                *Avoid contact with eyes.*

EEC No.: -

NA: Not applicable  
NR: Not restricted

### SECTION 16- OTHER INFORMATION

Emergency telephone number 0039-049-9070211

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