

# Material Safety Data Sheet

Revision Date: 10.02.2010

(EC 1907/2006)

Page 1 of 3

6100-23-07

## 1. Chemical product and company identification

**Product name:**

Ecusit Etch

**Supplier:**

**DMG Chemisch-Pharmazeutische Fabrik GmbH**

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22547 Hamburg

Germany

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**Emergency contact: Infotrac-(800)535-5053**

## 2. Hazards Identification

None, if handled according to directions.

Causes burns.

## 3. Composition / Information on ingredients

**Common chemical name / Generic name:**

Preparation based on aqueous phosphoric acid.

## 4. First-aid measures

**In case of inhalation:** Not applicable.

**In case of skin contact:** Wash with soap and water.

**In case of eye contact :** Immediately rinse with plenty of water, consult a physician.

**In case of ingestion:** Let patient drink plenty of water, seek medical advice.

## 5. Fire-fighting measures

Not flammable.

**Extinguishing media:** Not applicable.

**Not suitable extinguishing media:** Not applicable.

## 6. Accidental release measures

**Personal precautions:** Wear suitable protective clothing.

**Environmental precautions:** Avoid pollution of water and sewage.

**Methods for cleaning up:** Take up mechanically, with inert fluid-binding material.

Neutralize (e.g. with lime water).

# Material Safety Data Sheet

Revision date: 10.02.2010

Trade name: Ecusit Etch

Page 2 of 3

6100-23-07

## 7. Handling and storage

### Handling:

**Technical measures:** Keep container tightly closed.

**Safe handling advice:** Wear suitable gloves. Avoid contact with eyes.

### Storage:

**Technical measures:** No special precautions necessary.

**Storage conditions:** Keep container tightly closed.

**Incompatible products:** Alkali, usual non-precious metals.

**Recommended packaging material:** Container of glass, special metals or acid-stable plastics.

## 8. Exposure controls/personal protection

**Engineering measures:** No special precautions necessary. Avoid splashing.

### Personal protective equipment:

**Respiratory protection:** Not volatile.

**Hand and skin protection:** Rubber gloves. Suitable: Butyl or Nitril rubber (protection against chemicals Cat. III, EN 374)

**Eye protection:** Goggles.

**Hygiene measures:** When using do not eat or drink.

## 9. Physical und chemical properties

**Appearance:** Blue gel.

**Odour:** none

**pH-value:** ca. 1

**Changes in physical state:**

**Boiling temperature:** > 100 °C (water)

**Flashpoint:** not applicable.

**Ignition temperature:** not applicable.

**Explosion properties:** not applicable.

**Vapour pressure:** ca. 20 mbar/23 °C

**rel. vapour density:** < 1

**Density:** ca. 1.4 g/cm<sup>3</sup>

**Solubility in water:** miscible

## 10 Stability and reactivity

**Thermal decomposition:** None, if handled and stored according to directions.

**Hazardous reactions:** None, if handled and stored according to directions.

**Materials to avoid:** Alkali.

**Hazardous decomposition products:** None.

## 11 Toxicological information

**Acute oral toxicity:** LD<sub>50</sub> (Ratte) > 810 mg/kg.

**Irritation of skin :** May cause burns.

**Irritation of eye:** Causes burns.

# Material Safety Data Sheet

Revision date: 10.02.2010

Trade name: Ecusit Etch

Page 3 of 3

6100-23-07

## 12 Ecological information

- Do not discharge into drains or the environment.

**Mobility:** No data available.

**Persistence und degradability:** No data available for the preparation.

## 13 Disposal considerations

- Waste from residues:** Dispose to an authorised waste collection point. Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

## 14 Transport information

- Regulations for land (road/railroad):**

GGVS: Class 8, III

ADR: Class 8, III

GGVE: Class 8, III

RID: Class 8, III

**Regulations for sea:**

IMDG/GGVSee-Code: 8 Class III

EmS: F-A, S-B

**Regulations for air:**

ICAO/IATA-DGR: Class 8

**UN-number:** 1805

**Additional information:**

Proper shipping name: contains Phosphoric acid, liquid.

## 15 Regulatory information

- Labelling according to international regulations:** C, Corrosive.

Contains phosphoric acid.

**Symbols of danger:** Drop symbol.

**R-Phrases:** 34

Causes burns.

**S-Phrases:** 26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 16 Other information

- Change in section: 8, 14

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.