SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

IconDry

Product group:  CAS No: 64-17-5
Index No: 603-002-00-5
EC No: 200-578-6

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

COMPANY NAME: DMG America LLC
ADDRESS: 242 South Dean Street, Englewood NJ. 07631
TELEPHONE no.: (800) 662-6383
(800) 535-5053 (INFOTRAC Emergency contact)
E-MAIL: info@dmg-america.com
WEBSITE: www.dmg-america.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:
Flammable liquid: Flam. Liq. 2
Hazard Statements:
Highly flammable liquid and vapour.

2.2. Label elements

Signal word: Danger
Pictograms: GHS02

Hazard statements

H225 Highly flammable liquid and vapour.

Precautionary statements

P233 Keep container tightly closed.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P102 Keep out of reach of children.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Ethanol.

Sum formula: C2H6O
Molecular weight: 46.07
SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin
After contact with skin, wash immediately with: Water and soap. Change contaminated clothing. Rub in high-fat content cream.

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

After ingestion
If swallowed, immediately drink: Water. Consult physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
High power water jet.

5.2. Special hazards arising from the substance or mixture

Concentrated vapors are heavier than air. Vapours may form explosive mixtures with air.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition - No smoking.
The following must be prevented: inhalation. skin contact. Eye contact.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
Keep away from sources of ignition - No smoking. Provide adequate ventilation.
7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
- Keep container tightly closed in a cool, well-ventilated place.
- Store only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>1000</td>
<td>1920</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Protective and hygiene measures
- When using do not eat or drink.
- Eye/face protection
  - Tightly sealed safety glasses.
- Hand protection
  - Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).
- Respiratory protection
  - The following must be prevented: inhalation. Exceeding critical value: Filter respirator (full mask or mouth-piece) with filter: A

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>colourless-transparent</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

Test method
- pH-Value: neutral

Changes in the physical state

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point</td>
<td>ca. -115 °C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>ca. 80 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>12 °C</td>
</tr>
<tr>
<td>Lower explosion limits</td>
<td>3.5 vol. %</td>
</tr>
<tr>
<td>Upper explosion limits</td>
<td>15 vol. %</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>425 °C</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>59 hPa</td>
</tr>
<tr>
<td>Density (at 20 °C)</td>
<td>ca. 0.8 g/cm³</td>
</tr>
<tr>
<td>Water solubility</td>
<td>complete miscible</td>
</tr>
</tbody>
</table>
Viscosity / dynamic:
(at 20 °C) 1,3 mPa·s

SECTION 10: Stability and reactivity

10.4. Conditions to avoid
heat.

10.5. Incompatible materials
Oxidizing agents. peroxides. acid. Alkali metals.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Acute toxicity, oral LD50: (species: Rat.): > 6200 mg/kg; Acute toxicity, inhalant 95.6 mg / l / 4 h

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>oral</td>
<td>LD50</td>
<td>6200 mg/kg</td>
<td>Rat</td>
<td>IUCLID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) vapour</td>
<td>LC50</td>
<td>95,6 mg/l</td>
<td>Rat</td>
<td>RTECS</td>
</tr>
</tbody>
</table>

Irritation and corrosivity
In case of prolonged or frequently repeated skin contact: irritant.; Following eye contact: irritant.

SECTION 12: Ecological information

12.1. Toxicity
Acute fish toxicity (Leuciscus idus): LC50: > 8140 mg / l / 48 h (Ethanol);
Acute Daphnia toxicity (Daphnia magna): EC50: 9268 - 14221 mg / l / 48 h

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Method</th>
<th>Dose</th>
<th>[h] [d] Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>9268 - 14221</td>
<td>48 h Daphnia magna</td>
<td>IUCLID</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
Easily biodegradable (concerning to the criteria of the OECD)

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>-0,31</td>
</tr>
</tbody>
</table>

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Remove according to the regulations.
Waste disposal number of waste from residues/unused products
### SECTION 14: Transport information

#### Land transport (ADR/RID)

<table>
<thead>
<tr>
<th>14.1. UN number:</th>
<th>UN 1170</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN proper shipping name:</td>
<td>ETHANOL (ETHYL ALCOHOL)</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>II</td>
</tr>
<tr>
<td>14.4. Packing group:</td>
<td>3</td>
</tr>
</tbody>
</table>

**Hazard label:**
- Classification code: F1
- Special Provisions: 144 601
- Limited quantity: 1 L
- Transport category: 2
- Hazard No: 33
- Tunnel restriction code: D/E

**Other applicable information (land transport)**
- E2

#### Marine transport (IMDG)

<table>
<thead>
<tr>
<th>14.1. UN number:</th>
<th>UN 1170</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN proper shipping name:</td>
<td>ETHANOL (ETHYL ALCOHOL)</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>II</td>
</tr>
<tr>
<td>14.4. Packing group:</td>
<td>3</td>
</tr>
</tbody>
</table>

**Hazard label:**
- Special Provisions: 144
- Limited quantity: 3 L
- EmS: F-E, S-D

**Other applicable information (marine transport)**
- E2

#### Air transport (ICAO)

<table>
<thead>
<tr>
<th>14.1. UN number:</th>
<th>UN 1170</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN proper shipping name:</td>
<td>ETHANOL (ETHYL ALCOHOL)</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>II</td>
</tr>
<tr>
<td>14.4. Packing group:</td>
<td>3</td>
</tr>
</tbody>
</table>

**Hazard label:**
- Special Provisions: 144
Special Provisions: A3
Limited quantity Passenger: 1 L
IATA-packing instructions - Passenger: 353
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 364
IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)
E2 : Y341

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulatory information

SECTION 16: Other information
Relevant R-phrases (Number and full text)
11 Highly flammable.

Relevant H- and EUH-phrases (Number and full text)
H225 Highly flammable liquid and vapour.

(The data for the hazardous ingredients were taken respectively from the last version 04/13/2016 of the sub-contractor's safety data sheet.)
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Icon - Infiltrant

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company Name: DMG AMERICA LLC
Address: 242 South Dean Street, Englewood NJ. 07631
Telephone: (800) 662-6383
(800) 535-5053 (INFOTRAC Emergency contact)
E-mail: info@dmg-america.com
Website: www.dmg-america.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:
- Skin corrosion/irritation: Skin Irrit. 2
- Serious eye damage/eye irritation: Eye Irrit. 2
- Respiratory/skin sensitization: Resp. Sens. 1B
- Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:
- May cause respiratory irritation.
- Causes serious eye irritation.
- Causes skin irritation.
- May cause an allergic skin reaction.

2.2. Label elements

Signal word: Warning
Pictograms: GHS07

Hazard statements
- H335 May cause respiratory irritation.
- H319 Causes serious eye irritation.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.

Precautionary statements
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Waste disposal according to official state regulations.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

SECTION 3: Composition/information on ingredients
3.2. Mixtures

Chemical characterization
chemical characterization (preparation): Acrylate.-resin.

<table>
<thead>
<tr>
<th>name</th>
<th>CAS</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEDMA</td>
<td>109-16-0</td>
<td>70-95</td>
</tr>
<tr>
<td>Camphoro Quinone</td>
<td>10373-78-1</td>
<td>&lt; 2.5</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin
After contact with skin, wash immediately with: Water and soap.

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

After ingestion
Immediately get medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
High power water jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing. The following must be prevented: inhalation, skin contact.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Ensure adequate ventilation of the storage area. Keep container tightly closed in a cool, well-ventilated place.

Further information on storage conditions
Store only in original container.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
8.2. Exposure controls
   Appropriate engineering controls
   Ensure adequate ventilation of the storage area.
   Protective and hygiene measures
   When using do not eat or drink.
   Eye/face protection
   Tightly sealed safety glasses.
   Hand protection
   Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).
   Respiratory protection
   The following must be prevented: inhalation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
   Physical state: liquid
   Colour: colourless - yellow
   Odour: like: ester

   Test method
   pH-Value: not applicable
   Changes in the physical state
   point of decomposition: > 250 °C
   Flash point: 100 °C
   Lower explosion limits: not determined
   Upper explosion limits: not determined
   Vapour pressure: not determined
   Density: 1 g/cm³
   Water solubility: miscible.

SECTION 10: Stability and reactivity

10.1. Reactivity
   Preparation not tested.
10.2. Chemical stability
   Preparation not tested.
   Substances sensitive to light.
10.3. Possibility of hazardous reactions
   Preparation not tested.
   No risks worthy of mention.
10.4. Conditions to avoid
   Light. heat.
   Decomposition takes place from temperatures above: 200 °C
10.5. Incompatible materials
   Reducing agents. radical former. heavy metals.
10.6. Hazardous decomposition products
   Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent). Substances sensitive to
SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution
Preparation not tested.

Acute toxicity
Acute toxicity, oral (Rat.): LD50: > 5000 mg/kg
Acute toxicity, dermal (Rabbit.): LD50: > 3000 mg/kg

Irritation and corrosivity
Frequently or prolonged contact with skin may cause dermal irritation.
Irritant effect on the eye:

Additional information on tests
Contains Methacrylic esters.: May produce an allergic reaction.

SECTION 12: Ecological information

12.1. Toxicity
Preparation not tested.

12.2. Persistence and degradability
Preparation not tested.

12.3. Bioaccumulative potential
Preparation not tested.

12.4. Mobility in soil
Preparation not tested.

12.5. Results of PBT and vPvB assessment
Preparation not tested.

12.6. Other adverse effects
Preparation not tested.

Further information
Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.
Paste: Carry out a burning of hazardous waste according to official regulations.

Waste disposal number of waste from residues/unused products
180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances
Classified as hazardous waste.

SECTION 14: Transport information

Other applicable information
Not a hazardous material with respect to these transportation regulations.
SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Relevant H- and EUH-phrases (Number and full text)

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.

Further Information

(The data for the hazardous ingredients were taken respectively from the last version 04/13/2016 of the sub-contractor's safety data sheet.)
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Icon-Etch
CAS No: 7647-01-0
Index No: 017-002-00-2
EC No: 231-595-7

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company Name: DMG AMERICA LLC
Address: 242 South Dean Street, Englewood NJ. 07631
Telephone: (800) 662-6383
E-mail: info@dmg-america.com
Website: www.dmg-america.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC
This mixture is not classified as hazardous according to Directive 1999/45/EC.

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazard categories:
Skin corrosion/irritation: Skin Corr. 1B
Specific target organ toxicity - single exposure: STOT SE 3
Hazard Statements:
May be corrosive to metals.
May cause respiratory irritation.
Causes severe skin burns and eye damage.

2.2. Label elements

Signal word: Danger
Pictograms: GHS05-GHS07

Hazard statements
H290 May be corrosive to metals.
H335 May cause respiratory irritation.
H314 Causes severe skin burns and eye damage.

Precautionary statements
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Chemical characterization
Hydrochloric (HCl).

Sum formula: HCl
Molecular weight: 36.46

Hazardous components

<table>
<thead>
<tr>
<th>EC No</th>
<th>CAS No</th>
<th>Chemical name</th>
<th>Classification according to Directive 67/548/EEC</th>
<th>Index No</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>REACH No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Hydrochloric (HCl).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7647-01-0</td>
<td></td>
<td>C - Corrosive, Xi - Irritant</td>
<td>R34-37</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
Provide fresh air. Consult physician.
If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin
After contact with skin, wash immediately with plenty of water. Remove contaminated clothing immediately and dispose off safely.

After contact with eyes
Move victim out of danger zone. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician.

After ingestion
Do not induce vomiting. Rinse mouth immediately and drink large quantities of water. Consult physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture
Material is not combustible.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
The following must be prevented: inhalation. skin contact. Eye contact. Wear suitable protective clothing.

6.2. Environmental precautions
Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Suitable material for diluting or neutralizing: lime-Water, "lime water" Ca(OH)2 aq.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
Wear suitable protective clothing and gloves. Avoid contact with eyes.

Further information on handling
Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed. Suitable material for Container: Glass. material, acid proof.

Advice on storage compatibility
Do not store together with: Alkalis (alkalis). metal.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Exposure limits (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>7647-01-0</td>
<td>Hydrogen chloride (gas and aerosol mists)</td>
<td>1</td>
<td>2</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>8</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Protective and hygiene measures
When using do not eat or drink.

Eye/face protection
Tightly sealed safety glasses.

Hand protection
Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber):0,4mm

Respiratory protection
The following must be prevented: inhalation. Exceeding critical value: Filter respirator (full mask or mouth-piece) with filter: A

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste
Colour: green
Odour: pungent

Test method
pH-Value: ca.1

Changes in the physical state
point of decomposition: >100 °C
Lower explosion limits:
Upper explosion limits:
Vapour pressure: ca.21 hPa (at 20 °C)
Density (at 20 °C): ca 1.1 g/cm³
Water solubility: miscible.

SECTION 10: Stability and reactivity

10.4. Conditions to avoid
at °C: ca 100-point of decomposition

10.5. Incompatible materials
metals in powder form. metal. amines. Alkalis (alkalis).

10.6. Hazardous decomposition products
Hydrochloric (HCl).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Acute toxicity, oral LD50: (species: Rat.): 3000 ppm (Vol.)/1h

Irritation and corrosivity

Additional information on tests
highly caustic.

SECTION 12: Ecological information

Further information
Leakage into the environment must be prevented.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Remove according to the regulations.

Waste disposal number of waste from residues/unused products
180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances Classified as hazardous waste.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1789
14.2. UN proper shipping name: HYDROCHLORIC ACID
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Classification code: C1
Special Provisions: 520
Limited quantity: 1 L
Transport category: 2
Hazard No: 80
Tunnel restriction code: E

Other applicable information (land transport)

Marine transport (IMDG)

14.1. UN number: UN 1789
14.2. UN proper shipping name: HYDROCHLORIC ACID
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8

Special Provisions: -
Limited quantity: 1 L
EmS: F-A, S-B

Other applicable information (marine transport)

Air transport (ICAO)

14.1. UN number: UN 1789
14.2. UN proper shipping name: HYDROCHLORIC ACID
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8

Special Provisions: A3
Limited quantity Passenger: 0.5 L
IATA-packing instructions - Passenger: 851
IATA-max. quantity - Passenger: 1 L
IATA-packing instructions - Cargo: 855
IATA-max. quantity - Cargo: 30 L

Other applicable information (air transport)

E2
: Y840

14.5. Environmental hazards
ENVIROMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

SECTION 16: Other information

Relevant R-phrases (Number and full text)
34 Causes burns.
37 Irritating to respiratory system.

Relevant H- and EUH-phrases (Number and full text)
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

(The data for the hazardous ingredients were taken respectively from the last version 04/13/2016 of the sub-contractor’s safety data sheet.)