1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Commercial Product Name: ACCU-CHEK INFORM II CONTROLS US 6/CS
- Mat.-No./ Genisys-No.: 05213509001

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

- Recommended restrictions: For professional users only.

1.3 Details of the supplier of the safety data sheet

- Company: Roche Diagnostics
- 9115 Hague Road
- 46250 Indianapolis IN
- E-mail address:
- Telephone: 1-800-428-5074
- Telefax:
- Responsible Department: CHEMTREC
- In case of emergencies:
  - CHEMTREC: 1-800-424-9300 (U.S. or Canada)
  - 1-703-527-3887 (International)

2. Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008)
  - Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

- Classification (67/548/EEC, 1999/45/EC)
  - Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Labelling elements

- Labelling (REGULATION (EC) No 1272/2008)
  - Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

- Additional Labelling:
  - EUH210 Safety data sheet available on request.
  - EUH208 Contains: 1-[1,3-bis(hydroxymethyl)-2,5-dioxoimidazolidin-4-yl]-1,3-bis(hydroxymethyl)ureaMay produce an allergic reaction.

2.3 Other hazards
3. Composition/information on ingredients

3.2 Mixtures

Ctrl 1/Ctrl 2

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Remarks: No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. First aid measures

4.1 Description of first aid measures

General advice: Do not leave the victim unattended.

If inhaled: Move to fresh air.

If unconscious place in recovery position and seek medical advice.

If symptoms persist, call a physician.

In case of skin contact: If on skin, rinse well with water.

In case of eye contact: Immediately flush eye(s) with plenty of water.

Remove contact lenses.

Protect unharmed eye.

If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.
5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: No information available.

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Further information: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions: Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Treat recovered material as described in the section "Disposal considerations".

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Electrical installations / working materials must comply with the technological safety standards.
Further information on storage conditions: See label or package insert
Advice on common storage: No materials to be especially mentioned.
Other data: No decomposition if stored and applied as directed.

7.3 Specific end uses
Specific use(s): Laboratory chemicals

8. Exposure controls/personal protection

Exposure Guidelines
Ctrl 1/Ctrl 2
Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Control parameters</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>propane-1,2-diol</td>
<td>57-55-6</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>USA. Workplace Environmental Exposure Levels (WEEL)</td>
</tr>
</tbody>
</table>

Personal protective equipment

Eye protection: Safety glasses
Hand protection: Protective gloves
Skin and body protection: Protective suit
Respiratory protection: No personal respiratory protective equipment normally required.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties
Ctrl 1/Ctrl 2
Appearance: liquid
## 9.2 Other information

- *Ctrl 1/Ctrl 2* Conductivity: no data available
- Oxidising potential: no data available
- Surface tension: no data available

## 10. Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

- Hazardous reactions: Further information: Stable under recommended storage conditions, No hazards to be specially mentioned.

### 10.4 Conditions to avoid

- Conditions to avoid: no data available

### 10.5 Incompatible materials

- Materials to avoid: no data available

### 10.6 Hazardous decomposition products

- Hazardous decomposition products: no data available
11. Toxicological information

11.1 Information on toxicological effects

*Ctrl 1/Ctrl 2*

**Components:**
propane-1,2-diol:

- **Acute oral toxicity**
  - LD50: 20,000 mg/kg, rat
  - LD50: 20,300 mg/kg, mouse

- **Acute inhalation toxicity**
  - no data available

- **Acute dermal toxicity**
  - LD50: 20,800 mg/kg, rabbit

- **Acute toxicity (other routes of administration)**
  - no data available

- **Skin corrosion/irritation**
  - This information is not available.

- **Serious eye damage/eye irritation**
  - This information is not available.

- **Respiratory or skin sensitization**
  - Result: no data available

- **STOT - single exposure**
  - Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

- **STOT - repeated exposure**
  - Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

- **Aspiration toxicity**
  - no data available

- **Further information**
  - no data available

12. Ecological information

12.1 Toxicity

*Ctrl 1/Ctrl 2*

**Components:**
propane-1,2-diol:

- **Toxicity to fish**
  - LC0: > 1,000 mg/l, 24 h, Oncorhynchus mykiss (rainbow trout)

- **Toxicity to daphnia and other aquatic invertebrates**
  - EC50: 34,400 mg/l, 48 h, Daphnia magna (Water flea)

- **Toxicity to algae**
  - EC50: 92,000 mg/l, Chlorella pyrenoidosa

- **Toxicity to bacteria**
  - EC50: 26,800 mg/l, 0.5 h, Photobacterium phosphoreum

**Ecotoxicology Assessment**

- **Toxicity Data on Soil**
  - Not expected to adsorb on soil.
Other organisms relevant to the environment: no data available

12.2 Persistence and degradability

Ctrl 1/Ctrl 2

Components:
propane-1,2-diol:
Biodegradability: 98%, Exposure time: 5 d, OECD Test Guideline 302

12.3 Bioaccumulative potential

Ctrl 1/Ctrl 2

Components:
propane-1,2-diol:
Bioaccumulation: no data available

12.4 Mobility in soil

Ctrl 1/Ctrl 2

Components:
propane-1,2-diol:
Mobility: no data available
Distribution among environmental compartments: no data available
Environmental fate and pathways: no data available
Physico-chemical removability: no data available

12.5 Results of PBT and vPvB assessment

Ctrl 1/Ctrl 2

Components:
propane-1,2-diol:
Assessment: This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects
Ctrl 1/Ctrl 2

Components:
propane-1,2-diol :

Biochemical Oxygen Demand (BOD) : no data available
Dissolved organic carbon (DOC) : no data available
Chemical Oxygen Demand (COD) : no data available
Adsorbed organic bound halogens (AOX) : no data available

13. Disposal considerations

13.1 Waste treatment methods

Product : Can be disposed as waste water, when in compliance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

14.1 UN number

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.2 Proper shipping name

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.3 Transport hazard class

DOT
Not dangerous goods
IMDG
Not dangerous goods

IATA
Not dangerous goods

14.4 Packing group

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA_C
Not dangerous goods
IATA_P
Not dangerous goods

14.5 Environmental hazards

DOT
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

14.6 Special precautions for user

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : not applicable

15. Regulatory information

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

Ctrl 1/Ctrl 2
REGULATORY INFORMATION

OSHA Hazards : No OSHA Hazards
WHMIS Classification : Not Rated

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

CERCLA Reportable Quantity

SARA 302 Reportable Quantity
Product : This material does not contain any components with a SARA 302 RQ.
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

ACCU-CHEK INFORM II CONTROLS US 6/CS
Version 1.0  Revision Date 06-11-2012  Print Date 10-25-2012

SARA 311/312 Hazards : No SARA Hazards

EPCRA - Emergency Planning and Community Right-to-Know Act
SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 304 : This material does not contain any components with a section 304 EHS RQ.

Clean Air Act
Ozone-Depletion Potential : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):
propane-1,2-diol 10 %

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

US State Regulations
Massachusetts Right To Know
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know
Components : water 60 - 100 %
propane-1,2-diol 10 - 30 %
4-(2-hydroxyethyl)piperazin-1-ylyethanesulphonic acid 1 - 5 %
sodium chloride 1 - 5 %

New Jersey Right To Know
Components : water 60 - 100 %
propane-1,2-diol 10 - 30 %
4-(2-hydroxyethyl)piperazin-1-ylyethanesulphonic acid 1 - 5 %
sodium chloride 1 - 5 %

California Prop 65 Components : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
15.2 Chemical Safety Assessment
A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

16. Other information

Further information
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.