

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.05.2009

Revision: 08.05.2009

1 Identification of substance:

- **Product details:**
- **Trade name: TFL SCHEIBENREINIGUNG IMECO**
- **Application of the substance / the preparation** Soaking liquid for cleaning wipes
- **Manufacturer/Supplier:**
Imeco Einwegprodukte GmbH & Co KG
Boschstr. 5
63768 Hösbach
- Tel. +49 (0)6021/3338-0
Fax +49 (0)6021/3338-11
E-Mail: info@imeco.de
- **Further information obtainable from:** Department laboratory
- **Information in case of emergency:** local hospital

2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning to particular hazards to man and environment**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Has a narcotizing effect.
R 10 Flammable.
R 36 Irritating to eyes.
R 67 Vapours may cause drowsiness and dizziness.
- **Classification system**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 67-63-0	propan-2-ol	Xi, F; R 11-36-67	10-25%
EINECS: 200-661-7			

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately rinse with water.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** Drink plenty of water and provide fresh air. Call for a doctor immediately.

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Mount respiratory protective device.

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- **Additional information** Cool endangered receptacles with water spray.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Wear protective clothing.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.

8 Exposure controls and personal protection gear

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves (EN 374)

- **Material of gloves**
PVC gloves
Rubber gloves

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- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

- **Eye protection:**



Tightly sealed goggles.

- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

- **General Information**

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic

- **Change in condition**

Melting point/Melting range: undetermined

Boiling point/Boiling range: 82°C

- **Flash point:** 26°C

- **Ignition temperature:** 425°C

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Vapour pressure at 20°C:** 42 hPa

- **Density at 20°C:** ca. 0.96 g/cm³ (DIN 51757)

- **Solubility in / Miscibility with**

Water: Fully miscible

- **pH-value at 20°C:** ca. 7 (DIN 19268)

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** High temperatures

- **Materials to be avoided:**

- **Dangerous reactions** No dangerous reactions known

- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** Irritating effect.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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The product was not tested. The statements is derived from the characteristics of the single components. (Contd. of page 3)

12 Ecological information:

- **Information about elimination (persistence and degradability):**
- **Other Information:** No data available
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation** Must be specially treated adhering to official regulations.
- **Waste disposal key:**
The allocation of the waste disposal key number is to be executed after the European refuse catalog industry and process specifically.
- **Uncleaned packaging:**
- **Recommendation:** Packaging may be reused or recycled after cleaning.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** 3 (F1) Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1987
- **Packaging group:** III
- **Hazard label** 3
- **Description of goods:** 1987 ALCOHOLS, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))
- **Limited quantities (LQ)** LQ7
- **Transport category** 3
- **Tunnel restriction code** D/E
- **Maritime transport IMDG:**
- **IMDG Class:** 3
- **UN Number:** 1987
- **Label** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-D
- **Proper shipping name:** ALCOHOLS, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1987
- **Label** 3
- **Packaging group:** III
- **Proper shipping name:** ALCOHOLS, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))

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15 Regulations

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

- **Code letter and hazard designation of product:**



Xi Irritant

- **Risk phrases:**

10 Flammable.

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.

- **Safety phrases:**

24/25 Avoid contact with skin and eyes.

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

60 This material and its container must be disposed of as hazardous waste.

- **National regulations**

- **Breakdown regulations:**

Critical quantity values according to the regulations on accidents should be adhered to.

- **Technical instructions (air):**

Class	Share in %
NK	10-25

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**

11 Highly flammable.

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.

- **Department issuing MSDS:** Department laboratory

- * **Data compared to the previous version altered.**