



SAFETY DATA SHEET

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International Standard

Version : 6

ISO 11014-1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : T 1000 Conditioner
Manufacturer : Interflux® Electronics NV
Eddastraat 51
BE - 9042 Gent
Tel. Nr. : ++32-9-251.49.59
Fax nr. : ++32-9-251.49.70

Collect call for emergency : ++1-703-527-3887 (Chemtrec)

2. COMPOSITION AND INFORMATION ON INGREDIENTS

The T 1000 conditioner is a preparation.

Chemical nature

Components contributing to the hazard :

<u>Materials</u>	<u>CAS N°</u>	<u>% Range</u>
1. 2-Propanol	67-63-0	98 – 99.5%
2. Proprietary ingredients	/	0.5 - 2%

All other information is strict confidential and will only be given on request of a doctor or a medical department who is obligated to a total confidentiality.

3. HAZARDS IDENTIFICATION

Hazard designation : F inflammable.

Specific hazards for humans and environment : R 11 highly flammable.

Physical and chemical hazard :

- Instability : The product is stable.
 - Incompatibility : Strong oxidising and reducing agents.
 - Decomposition : None.
 - Polymerisation : Will not occur.
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4. FIRST-AID MEASURES

- Inhalation** : Bring the person into fresh air, if necessary provide oxygen mask to assist recovery.
- Skin contact** : Wash the affected area with soap and water.
- Eye contact** : Flush with copious amounts of water for 15 minutes, call physician.
- Ingestion** : Wash out mouth with water. Do not induce vomiting, call physician.



5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media** : CO₂, water, dry chemicals, in case of a big fire use a jet of water or an alcohol-proof foam.
- Protection of fire-fighters** : A SCBA mask is recommended when entering the fire area.
- Fire & explosion hazards** : The product is classified as F inflammable. Keep away from sources of ignition.
- Special protective equipment for a fire** : Wear a respiratory mask.
- Flash point (T.O.C.)** : +13°C
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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Avoid eye contact. Sufficient ventilation should be provided.
- Environmental precautions** : Do not allow spill to spread to sewer or ground. Wash area thoroughly.
- Methods for cleaning up** : Scrape up spill. Wipe with rags. Dispose of waste rags in plastic container. Ensure spills are completely cleaned up since this product will dry by evaporation.
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7. HANDLING AND STORAGE

Handling

- Technical measures** : A good ventilation in the working area is recommended. Keep the container tightly closed. Store at 5°C - 35°C. Keep away from direct sunlight. Keep away from sources of ignition. Avoid prolonged breathing of vapours.
- Precautions for safe handling** : General ventilation should be provided.

Storage

- Technical measures** : Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition. Keep away from direct sunlight. No smoking. T 1000 conditioner has a shelf life of minimum 2 years when stored in original containers at ambient temperatures. In case of large quantities take precautions against electrostatical building.
- Storage class** : LGK 3A
- VbF-class** : B
- Storage conditions** : Please refer to the above section "Technical Measures".
- Incompatibility of the product** : Not applicable.
- Safe packaging materials** : Recommended by manufacturer.



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures : Refer to section 7.
Control parameters : Treshold limit values (MAC)
T 1000 conditioner : Treshold limit value 100 % volume solvent : TLV 400 ppm

Personal protective equipment

Special instructions for protection and hygiene : Industrial hygiene is always recommended.
Wash the hands with water and soap after working.

Respiratory protection : None required if adequate ventilation is present.
Hand protection : Protective gloves, preferable in rubber.
Eye protection : Use safety glasses.
Skin and body protection : Some degreasing of the skin may appear after contact. Additional protection equipment is normally not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Colour : Colourless
Odour : Aliphatic alcohol

pH : 5
Boiling point/range : 82.3- 205 °C
Flash Point (T.O.C) : + 13 °C
Autoignition : 435°C
Melting point : -88.5°C
Explosion Limits in air **upper:** 13 %
lower: 1.3 %
Relative Density : 0.784-0.787 g/ml
Solubility in water : Partially soluble
Viscosity 20°C : 2.43 mm²/s
Vapour pressure : 33 mm Hg
Evaporation rate (Ether = 1) : 11

10. STABILITY AND REACTIVITY

Stability : Stable
Hazardous reactions : Not applicable.
Conditions to avoid : Excessive heat, strong light.
Materials to avoid : May react with oxidising & reducing agents.
Hazardous decomposition products : Burning can produce smoke, carbon monoxide.



11. TOXICOLOGICAL INFORMATION

Acute toxicity : Interflux® T 1000 conditioner is a non-corrosive product.

Other information on health effects:

Proprietary ingredient(s)

Risk effects on humans

Inhalation : With adequate ventilation, no problems will occur.

Skin contact : Can cause drying out of the skin, can give a slight irritation on very sensitive people.

Eye contact : Can give a slight eye irritation (splashes in the eyes can cause a strong irritation).

Risk effect on animals

Acute oral : LD50 (Rat) 5 g/kg

Dermal : LD50 (Rabbits) 12.8 mg/kg

Inhalation : Llo (Rat) 16000 ppm/4h

Chronic health effects : Not established.

12. ECOLOGICAL INFORMATION

General information : WGK 1, weakly water pollutant. Slowly biodegradable.

13. DISPOSAL CONSIDERATIONS

Product : Recommendation : Must be disposed as a chemical disposal. The disposal must be carried out according to the Federal State and Local Regulations.

Packaging : Recommendation : Disposal must be done according to official regulations.

14. TRANSPORT INFORMATION

International regulations

Land transport:

- Rail / road (RID/ADR): Class: 3
Number and character: 3°b)
Hazardous identification number: 33
UN number: 1219
Label: 3

Sea transport (IMO/IMDG): Class: 3.2 – Page: 3244
UN number: 1219
Label: 3 Flammable Liquid
Packing group: II
Emergency Schedule (EmS): 3-06
Medical First Aid Guide (MFAG): 305



Air transport (ICAO/IATA): Class: 3
UN number: 1219
Label: 3 Flammable Liquid
Additional rules to be obtained at Interflux® Electronics NV

Remark:

Above mentioned regulations are in force at the moment of publication of this safety data sheet. With reference to possible modifications in transport regulations of dangerous goods, we advise you to verify its validity at Interflux® Electronics NV.

15. REGULATORY INFORMATION

Information on the warning label

F : inflammable

R - phrases : R11 : Highly flammable.

S - phrases : S3/7: Keep container tightly closed in a cool place.
S16 : Keep away from sources of ignition - No smoking.
S43 : In case of fire, use dry chemicals and water.

Other Legal Regulations

German water pollution risk (WGK) : 1

Small pollution risk of water environment.

Substances that affect the ozone layer : Substances that affect the ozone layer are not present in this preparation and are not used for its production.

EINECS : All ingredients have been registered.

16. OTHER INFORMATION

Product information in other European languages can be obtained at *Interflux® Electronics NV, 9042 Gent*. Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the suitability of each such product for their particular purposes. The products discussed are sold without such warranty, either expressed or implied.

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