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SAFETY DATA SHEET

International Standard

ISO 11014-1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Interflux® De-Oxidation Oil IF 910

Supplier : 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 IF 910 De-oxidation Oil is a preparation.

Chemical nature

Components contributing to the hazard :

<u>Materials</u>	<u>CAS N°</u>	<u>% Range</u>	<u>Hazardous per 29 CFR</u> <u>1910.1200.</u>	<u>Exposure</u> <u>Standards</u>
1. Oil Mist, Mineral	Available upon request	>90%	8HR TWA 5 mg/m ³	STEL 10 mg/m ³

This product contains substances, classified as dangerous, but in such small quantities that the product is not classified as dangerous.

All constituents of this product are listed in EINCECS.

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 : None.

Specific hazards for humans and environment : None (no significant hazard).

Physical and chemical hazard :

- Instability : Stable.
 - Incompatibility : Strong oxidising agents.
 - Decomposition : Irritant fumes.
 - Polymerisation : Will not polymerise.
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4. FIRST-AID MEASURES

- Inhalation** : If overcome by exposure, remove victim to fresh air immediately, give oxygen or artificial respiration. Obtain emergency medical attention.
- Skin contact** : Remove contaminated clothing and wash skin thoroughly with soap and water or suitable skin cleaner as soon as possible.
- Eye contact** : Flush with copious amounts of water for 15-20 minutes retracting the eye lid several times, call physician.
- Ingestion** : If a large quantity has been swallowed, give lukewarm water if the victim is conscious and alert. Do NOT induce vomiting. Obtain emergency medical attention.
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5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media** : Foam or water fog, dry chemicals or CO₂. Do not use water jets.
- Protection of fire-fighters** : A SCBA mask is recommended when entering the fire area.
- Fire & explosion hazards** : None.
- Special protective equipment for a fire** : Do not enter fire area without proper protection (wear SCBA in confined areas because of the possibility of low oxygen levels).
- Flash point (closed)** : Above 200 °C
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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear rubber gloves and protective clothing.
- Environmental precautions** : Prevent entry into drains, sewers and water courses.
- Methods for cleaning up** : Prevent flow to sewers and public waterways. Restrict water use for cleanup. For small spills, dike and/or absorb released chemical with inert material (i.e. sand, clay, absorbent and booms and pads). If large spills, collect contaminated spilled material and place in a dot waste container.
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7. HANDLING AND STORAGE

- Handling**
- Technical measures** : No special measures.
- Precautions for safe handling** : No special precautions.
- Storage**
- Technical measures** : No special precautions.
- Storage class** : Not available **VbF-class** : None.
- Storage conditions** : Please refer to the above section "Technical Measures".
- Incompatibility of the product** : Not applicable.
- Safe packaging materials** : Not applicable.



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	: Refer to section 7.		
Control parameters	: Treshold limit values (MAC)		
	8HR TWA	STEL	Source/other information
Oil Mist, Mineral	5 mg/m ³	10 mg/m ³	EH 40

Personal protective equipment

Special instructions for protection and hygiene : Safety showers and eyewash stations should be available. Employees must be trained in the safe use and handling of hazardous chemicals. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities.

- Respiratory protection** : If overexposure exceeds the TWA/STEL, use approved respiratory protection equipment as specified in the occupational health guidelines for chemical hazards.
- Hand protection** : If working in an area where skin may be affected wear impermeable gloves and clothing.
- Eye protection** : Chemical splash goggles and face shield. Contact lenses must not be worn.
- Skin and body protection** : Practice good personal hygiene. This products is not normally considered a skin hazard.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Colour : Amber
Odour : Mild

Flash point (closed) : Above 200 °C
Boiling point : Above 250 °C
Auto-ignition point : Above 250 °C
Melting point : Below minus 21 °C
Relative density (20 °C) : Below 1.0
Solubility in water : Insoluble
Partition Coefficient (n-octanol/water) : Expected logP values of constituents will be above 3

10. STABILITY AND REACTIVITY

Conditions to avoid : Stable.
Hazardous reactions : Not applicable.
Conditions to avoid : None known.
Materials to avoid : Strong oxidising agents, bases and reducing agents.



Hazardous decomposition products : Irritant fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : IF 910 is a non-corrosive material.

Other information on health effects :

Proprietary ingredient(s)

Risk effects on humans

- Inhalation : Low volatility makes inhalation unlikely at ambient temperatures.
Skin contact : Unlikely to cause harm on brief or occasional contact.
Eye contact : May cause transient irritation.
Ingestion : May cause nausea, vomiting and diarrhoea

Risk effect on animals

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.

Expected oral LD₅₀ Rat > 2 g/kg.

Chronic health effects: Repeated and prolonged skin contact may lead to skin disorders.

12. ECOLOGICAL INFORMATION

Environmental information : When used and disposed of as intended, no adverse environmental effects are foreseen.

General information :

- Mobility : Mobile liquid. Insoluble in water. Involatile.
 - Persistence and degradability : Inherently biodegradable.
 - Bioaccumulative potential : Bioaccumulative based on logP values of constituents.
 - Ecotoxicity : Not expected to be ecotoxic to fish/daphnia/algae.
Not expected to be inhibitory to sewage bacteria.
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13. DISPOSAL CONSIDERATIONS

Product : Recommendation : Assure disposal of all waste generated by the spill complies with the Local, State and Federal regulations.

Packaging : Recommendation : Disposal must be done according to official regulations. May be steam-cleaned and recycled.

14. TRANSPORT INFORMATION

International regulations

Road & Rail Transport (ADR/RID) - Sea Transport (IMDG) - Air Transport (ICAO/IATA) :

Non-dangerous goods.

Number of statistics : 2710 0098



15. REGULATORY INFORMATION

Information on the warning label

This product is NOT classified as dangerous.

R - phrases : Not available.

S - phrases : Not available.

Other Legal Regulations

German water pollution risk (WGK) : Not available.

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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