

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

1.1. Product identifier

Product form : Mixture
Trade name : IF 9009lt SnPb(Ag) No-Clean Solder Paste
Product code : IF9009lt (Sn63/Sn62/Sn10Pb88Ag2)

(* All packaging included)

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

1.2.1. Relevant identified uses

Main use category : Reserved for industrial and professional use.
Use of the substance/mixture : Solder paste

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Interflux® Electronics N.V.
Eddastraat 51
9042 GENT - Belgium
T +32 9 2514959 - F +32 9 2514970
reach@interflux.com - www.interflux.com

1.4. Emergency telephone number

Emergency number : ++1-703-527-3887 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) no 1272/2008 (CLP)

Acute Tox. 4 (Oral) H302
Repr. 1A H360
STOT RE 2 H373
Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Repr.Cat.1; R61
Repr.Cat.3; R62
Xn; R20/22
N; R50/53
R33

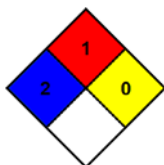
Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Other information

NFPA code : 2-1-0



2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07



GHS08



GHS09

Signal word (CLP) : Danger

Hazardous ingredients : lead, powder

Hazard statements (CLP)	: H302 - Harmful if swallowed H360 - May damage fertility or the unborn child H373 - May cause damage to organs through prolonged or repeated exposure H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	: P260 - Do not breathe dust/fume/gas/mist/vapours/spray P273 - Avoid release to the environment P280 - Wear protective gloves/protective clothing/eye protection/face protection P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P301 + P312 - IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell
EUH phrases	: EUH201A - Warning! Contains lead

2.3. Other hazards

Other hazards not contributing to the classification	: During soldering operations: Work under local exhaust/ventilation. Swallowing of metal alloys is harmful to health. Increased danger of lead pollution if the metal is overheated or if the metal is oxidized (risk of formation of dust and fumes).
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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
tin	(CAS N°) 7440-31-5 (EC N°) 231-141-8 (REACH-no) 01-2119486474-28	*)	Not classified
lead, powder	(CAS N°) 7439-92-1 (EC N°) 231-100-4 (REACH-no) 01-2119513221-59	*)	Repr.Cat.1; R61 Repr.Cat.3; R62 Xn; R20/22 R33 N; R50/53
silver	(CAS N°) 7440-22-4 (EC N°) 231-131-3 (REACH-no) 01-2119555669-21	*)	Not classified
2-(2-butoxyethoxy)ethanol	(CAS N°) 112-34-5 (EC N°) 203-961-6 (EC index no) 603-096-00-8 (REACH-no) 01-2119475104-44	1-5	Xi; R36
Name	Product identifier	%	Classification according to Regulation (EC) no 1272/2008 (CLP)
tin	(CAS N°) 7440-31-5 (EC N°) 231-141-8 (REACH-no) 01-2119486474-28	*)	Not classified
lead, powder	(CAS N°) 7439-92-1 (EC N°) 231-100-4 (REACH-no) 01-2119513221-59	*)	Acute Tox. 4 (Oral), H302 Repr. 1A, H360Df STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
silver	(CAS N°) 7440-22-4 (EC N°) 231-131-3 (REACH-no) 01-2119555669-21	*)	Not classified
2-(2-butoxyethoxy)ethanol	(CAS N°) 112-34-5 (EC N°) 203-961-6 (EC index no) 603-096-00-8 (REACH-no) 01-2119475104-44	1-5	Eye Irrit. 2, H319

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

*) Weight dependent on the respective alloy (see alloy overview)

Alloys	Tin % wt	Lead % wt	Silver
Sn63Pb37	63±0.5	Rest	-
Sn62	62±0.5	Rest	2±0.2
Sn10Pb88Ag2	10±0.5	Rest	2±0.2

SECTION 4: First aid measures

4.1. Description of first aid measures

- | | |
|---------------------------------------|---|
| First aid measures after inhalation | : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service. |
| First aid measures after skin contact | : After contact with skin, wash immediately with plenty of warm water and soap. |
| First aid measures after eye contact | : Rinse immediately with plenty of water. Take victim to an ophthalmologist if irritation persists. |
| First aid measures after ingestion | : Rinse mouth with water. Do not induce vomiting. Immediately consult a doctor/medical service. |

4.2. Most important symptoms and effects, both acute and delayed

- | | |
|-------------------------------------|--|
| Symptoms/injuries | : Warning! Contains lead. ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Headache. CNS depression. Dizziness. Impaired concentration. Gastrointestinal complaints. Loss of appetite. Change in urine composition. Possible premature birth. FOLLOWING SYMPTOMS MAY APPEAR LATER: Coordination disorders. Impaired memory. High arterial pressure. Disturbances of consciousness. |
| Symptoms/injuries after inhalation | : EXPOSURE TO HIGH CONCENTRATIONS: Damage of the lungs can occur with chronic lead poisoning. |
| Symptoms/injuries after eye contact | : Slight irritation of the eye tissue. |
| Symptoms/injuries after ingestion | : Symptoms similar to those listed under inhalation, as well damage to the kidneys. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- | | |
|------------------------------|---|
| Suitable extinguishing media | : Preferably: D powder. Water spray. Polyvalent foam. Carbon dioxide. Dry sand. |
|------------------------------|---|

5.2. Special hazards arising from the substance or mixture

- | | |
|-------------|---|
| Fire hazard | : DIRECT FIRE HAZARD. None. INDIRECT FIRE HAZARD. Heating increases the fire hazard. |
| Reactivity | : On burning: formation of metallic fumes. Oxidizes on exposure to air. Reacts violently with amines. |

5.3. Advice for firefighters

- | | |
|--------------------------------|---|
| Precautionary measures fire | : Exposure to fire/heat: consider evacuation. |
| Firefighting instructions | : Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it. |
| Protection during firefighting | : Heat/fire exposure: compressed air/oxygen apparatus. Heat resistant gloves. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- | | |
|------------------|---|
| General measures | : Mark the danger area. Prevent dust cloud formation. No naked flames. Prevent soil and water pollution. Prevent spreading in sewers. Wash contaminated clothes. Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to heat: have neighbourhood close doors and windows. In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows. In case of dust production: stop engines and no smoking. In case of dust production: no naked flames or sparks. Dust: spark-/explosionproof appliances/lighting equipment. |
|------------------|---|

6.1.1. For non-emergency personnel

- | | |
|----------------------|--|
| Protective equipment | : Gloves, protective clothing. Dust cloud production: compressed air/oxygen apparatus. See "Material-Handling" to select protective clothing. |
| Emergency procedures | : Keep upwind. Mark the danger area. Prevent dust cloud formation. Close doors and windows of adjacent premises. No naked flames or sparks. No naked flames. Spark- and explosionproof appliances and lighting equipment. Wash contaminated clothes. |

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Stop dust cloud by covering with sand/earth. Scoop solid spill into closing containers. Do not use compressed air for pumping over spills. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.
- Other information : Upon burning: formation of metallic fumes/vapours.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Vapours produced during soldering operations.
- Precautions for safe handling : Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Avoid raising dust. Keep away from naked flames/heat. Use spark-/explosionproof appliances and lighting system. Observe very strict hygiene - avoid contact. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.
- Hygiene measures : Always wash hands and face immediately after handling this product, and once again before leaving the workplace.

7.2. Conditions for safe storage, including any incompatibilities

- Maximum storage period : 1 year (Sn63, Sn62)
6 months (Sn10Pb88Ag2)
- Storage temperature : 3-10 °C
- Heat and ignition sources : KEEP SUBSTANCE AWAY FROM: ignition sources.
- Prohibitions on mixed storage : KEEP SUBSTANCE AWAY FROM: oxidizing agents. (strong) acids. (strong) bases. amines.
- Storage area : Let the solder paste reach room temperature prior to opening the packaging.

7.3. Specific end use(s)

REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

tin (7440-31-5)		
EU	IOELV TWA (mg/m ³)	2 mg/m ³
Belgium	Limit value (mg/m ³)	2 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
lead, powder (7439-92-1)		
EU	IOELV TWA (mg/m ³)	15 mg/m ³
Belgium	Limit value (mg/m ³)	0,15 mg/m ³
France	VME (mg/m ³)	Plomb métallique et composés, en Pb, 0.1 mg/m ³ ; France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	0,05 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	15 mg/cm ³
silver (7440-22-4)		
EU	IOELV TWA (mg/m ³)	0,1 mg/m ³
Belgium	Limit value (mg/m ³)	0,1 mg/m ³
France	VME (mg/m ³)	Argent (métallique), 0.1 mg/m ³ ; France; Time-weighted average exposure limit 8 h; VRI: Valeur réglementaire indicative
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	0,1 mg/m ³
The Netherlands	MAC TGG 8H (mg/m ³)	Zilver, metallisch, 0.1 mg/m ³ ; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value
United Kingdom	WEL TWA (mg/m ³)	0,1 mg/m ³

2-(2-butoxyethoxy)ethanol (112-34-5)		
EU	IOELV TWA (mg/m ³)	67,5 mg/m ³
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m ³)	101,2 mg/m ³
EU	IOELV STEL (ppm)	15 ppm
Belgium	Limit value (mg/m ³)	67,5 mg/m ³
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m ³)	mg/m ³
Belgium	Short time value (ppm)	15 ppm
France	VLE (mg/m ³)	2-(2-Butoxyéthoxy)éthanol, 101.2 mg/m ³ ; France; Short time value; VRI: Valeur réglementaire indicative
France	VLE (ppm)	2-(2-Butoxyéthoxy)éthanol, 15 ppm; France; Short time value; VRI: Valeur réglementaire indicative
France	VME (mg/m ³)	2-(2-Butoxyéthoxy)éthanol, 67.5 mg/m ³ ; France; Time-weighted average exposure limit 8 h; VRI: Valeur réglementaire indicative
France	VME (ppm)	2-(2-Butoxyéthoxy)éthanol, 10 ppm; France; Time-weighted average exposure limit 8 h; VRI: Valeur réglementaire indicative
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	10 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	10 ppm
The Netherlands	MAC TGG 8H (mg/m ³)	2-(2-butoxyethoxy)ethanol, 50 mg/m ³ ; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value
The Netherlands	MAC TGG 8H (ppm)	2-(2-butoxyethoxy)ethanol, 7.4 ppm; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value
The Netherlands	MAC TGG 15MIN (mg/m ³)	2-(2-butoxyethoxy)ethanol, 100 mg/m ³ ; Netherlands; Short time value; Public occupational exposure limit value
The Netherlands	MAC TGG 15MIN (ppm)	2-(2-butoxyethoxy)ethanol, 15 ppm; Netherlands; Short time value; Public occupational exposure limit value
United Kingdom	WEL TWA (mg/m ³)	67,5 mg/m ³
United Kingdom	WEL TWA (ppm)	10 ppm
United Kingdom	WEL STEL (mg/m ³)	101,2 mg/m ³
United Kingdom	WEL STEL (ppm)	15 ppm

8.2. Exposure controls

Personal protective equipment

: Gloves. Protective goggles. Protective clothing.



Hand protection

: The selected protective gloves must meet the specifications of EU Directive 89/686/EEC and EN 374, derived therefrom.

Eye protection

: Safety glasses.

Skin and body protection

: Wear suitable protective clothing and gloves.

Respiratory protection

: Work under local exhaust/ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Consumer exposure controls

: The need for personal protective equipment should be based on a workplace risk assessment for the particular use. Solderalloys containing lead do not give lead fumes at normal soldering temperatures, only at t° above 500°C.

Other information

: Pregnant women must avoid inhalation or skin contact in any circumstance.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

: Solid

Appearance

: Viscous.

Colour

: Grey.

Odour

: Mild odour.

Odour threshold	: No data available
pH	: No data available
Melting point	: IEC-EN-61190-1-3: Sn63Pb37: 183°C, Sn62Pb36Ag2: 179°C, Sn10Pb88Ag2: ± 268-299 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 168.34°C
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Sn63Pb37: 8.4g/cm ³ , Sn62PbAg2: 8.5g/cm ³ , Sn10Pb88Ag2: 12.8g/cm ³
Solubility	: Water: Insoluble
Log Pow	: No data available
Log Kow	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

On burning: formation of metallic fumes. Oxidizes on exposure to air. Reacts violently with amines.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

High temperatures. Will emit toxic metallic oxides.

10.5. Incompatible materials

Slightly reactive with oxidizing agents and strong acids.

10.6. Hazardous decomposition products

Tin, lead and silver compounds. When heated to decomposition, emits toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

IF 9009lt SnPb(Ag) No-Clean Solder Paste

ATE (oral)	500,000 mg/kg bodyweight
tin (7440-31-5)	
LD50 oral rat	> 2000 mg/kg bodyweight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
lead, powder (7439-92-1)	
ATE (oral)	500,000 mg/kg bodyweight
silver (7440-22-4)	
LD50 oral rat	> 10000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; >5110 mg/kg bodyweight; Rat)
LD50 dermal rat	> 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)

2-(2-butoxyethoxy)ethanol (112-34-5)	
LD50 oral rat	5660 mg/kg (Rat)
LD50 dermal rabbit	2764 mg/kg (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
ATE (oral)	5660,000 mg/kg bodyweight
ATE (dermal)	2764,000 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: May damage fertility or the unborn child.
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Dangerous for the environment. Not biodegradable and may therefore not be disposed in the environment.
Ecology - water	: Severe water pollutant (surface water). Maximum concentration in drinking water: 0.010 mg/l (lead) (Directive 98/83/EC). Harmful to fishes. Highly toxic to algae. Slightly or not bioaccumulative. May cause long-term adverse effects in the aquatic environment.

tin (7440-31-5)	
LC50 fishes 1	0,42 mg/l (672 h; Salmo gairdneri (Oncorhynchus mykiss); Metal ion)
LC50 other aquatic organisms 1	10 mg/l (144 h, GAMMARUS SP.)
EC50 Daphnia 1	1,5 mg/l (504 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 1	21,23 mg/l (96 h, TUBIFEX TUBIFEX)
LC50 fish 2	0,42 mg/l (672 h, SALMO GAIRDNERI/ ONCORHYNCHUS MYKISS, METAL ION)
LC50 other aquatic organisms 2	42 mg/l (48 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 2	140,28 mg/l (48 h, TUBIFEX TUBIFEX, METAL ION)

lead, powder (7439-92-1)	
LC50 fishes 1	26 mg/l (96 h, COLISA FASCIATUS)
LC50 other aquatic organisms 1	0,3 mg/l (504 h, DAPHNIA MAGNA)
EC50 Daphnia 1	0,1 mg/l (504 h, DAPHNIA MAGNA)
EC50 other aquatic organisms 1	0,14 mg/l (SELENASTRUM CAPRICORNUTUM, LEAD ION)
LC50 fish 2	19 mg/l (96 h, CHANNA PUNCTATUS)

2-(2-butoxyethoxy)ethanol (112-34-5)	
LC50 fishes 1	1300 mg/l (96 h; Lepomis macrochirus)
LC50 other aquatic organisms 1	10 - 100 mg/l (96 h)
EC50 Daphnia 1	2850 mg/l (24 h; Daphnia magna; GLP)
LC50 fish 2	1805 mg/l (48 h; Leuciscus idus)
EC50 Daphnia 2	> 100 mg/l (48 h; Daphnia magna)

12.2. Persistence and degradability

tin (7440-31-5)	
Persistence and degradability	Biodegradability: not applicable. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

lead, powder (7439-92-1)	
Persistence and degradability	Biodegradability: not applicable. Forming sediments in water. Biodegradability in soil: not applicable. Adsorbs into the soil.
ThOD	Not applicable

silver (7440-22-4)

Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

2-(2-butoxyethoxy)ethanol (112-34-5)

Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test) data on mobility of the substance available. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0,25 g O ₂ /g substance
Chemical oxygen demand (COD)	2,08 g O ₂ /g substance
ThOD	2,173 g O ₂ /g substance
BOD (% of ThOD)	0,11 % ThOD

12.3. Bioaccumulative potential

tin (7440-31-5)

BCF fish 1	< 0,00036 (Pisces; Dry weight)
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lead, powder (7439-92-1)

Log Pow	0,73 (estimated)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

silver (7440-22-4)

Bioaccumulative potential	Not bioaccumulative.
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2-(2-butoxyethoxy)ethanol (112-34-5)

BCF fish 1	0,46 (QSAR)
Log Pow	0,56 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

lead, powder (7439-92-1)

Ecology - soil	Toxic to flora.
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2-(2-butoxyethoxy)ethanol (112-34-5)

Surface tension	0,034 N/m (25 °C)
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle/reuse. Immobilize the toxic or harmful components. Remove to an authorized dump (Class I). Do not discharge into surface water (Directive 2000/60/EC, Council decision 2455/2001/EC).
Additional information	: LWCA (the Netherlands): KGA category 06. Hazardous waste according to Directive 2008/98/EC.
Ecology - waste materials	: other particulates and dust. LWCA (the Netherlands): KGA category 06. Hazardous waste (91/689/EEC). Recycle/reuse. Immobilize the toxic or harmful components. Remove to an authorized dump (Class I). Do not discharge into surface water (2000/60/EC, Council. Decision 2455/2001/EC, O.J. L331 of 15/12/2001). Packaging containing residues of or contaminated by dangerous substances.

SECTION 14: Transport information

No dangerous good in sense of transport regulations

Additional rules to be obtained at Interflux® Electronics NV

Remark:

Above mentioned regulations are in force at the moment of publication of this (SDS) 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.

SECTION 15: Regulatory information

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

15.1.1. EU Regulations

Contains no REACH candidate substance

EURAL code : 10 04 02*, 15 01 10*

15.1.2. National regulations

Water hazard class (WGK) : 2 - hazardous to water

WGK remark : Classification in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005

15.2. Chemical safety assessment

Chemical safety assessments for substances in this preparation were carried out

SECTION 16: Other information

Other information : Intrastat code 3810 10 00.

Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 1A	Reproductive toxicity, Category 1A
Repr. 1A	Reproductive toxicity, Category 1A
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed
H319	Causes serious eye irritation
H360	May damage fertility or the unborn child
H360Df	May damage the unborn child. Suspected of damaging fertility
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R20/22	Harmful by inhalation and if swallowed
R33	Danger of cumulative effects
R36	Irritating to eyes
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R61	May cause harm to the unborn child
R62	Possible risk of impaired fertility
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

DISCLAIMER

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. 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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