

SECTION 1: Identification of the substance/mixture and of the company/undertaking**· 1.1 Product identifier**

· **Trade name:** Irsa Stirnkantenwachs

· **Article number:** 98996

· 1.2 Relevant identified uses of the substance or mixture and uses advised against**· Life cycle stages**

PW Widespread use by professional workers

C Consumer use

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

· **Product category** PC9a Coatings and paints, thinners, paint removers

· **Process category** PROC10 Roller application or brushing

· Environmental release category

ERC10a Widespread use of articles with low release (outdoor)

ERC11a Widespread use of articles with low release (indoor)

· **Article category** AC11 Wood articles

· **Technical function** Plating agent

· Application of the substance / the mixture

Wood treatment

Wood coating

Surface protection

· **Uses advised against** No further relevant information available.

· 1.3 Details of the supplier of the safety data sheet**· Manufacturer/Supplier/Distributor/Downstream user/Importer:**

IRSA Lackfabrik Irmgard Sallinger GmbH

An der Günz 15

86489 Deisenhausen

Germany

phone: +49 8282 89440

Fax: +49 8282 894444

E-Mail: info@irsa.de

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· Further information obtainable from:

Labor phone: +49 8282 89440

E-Mail (expert person) labor@irsa.de

· 1.4 Emergency telephone number:

poison control centre Freiburg

Tel: +49 761 19240

SECTION 2: Hazards identification**· 2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

· 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

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- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**
 - P101 If medical advice is needed, have product container or label at hand.
 - P102 Keep out of reach of children.
 - P103 Read carefully and follow all instructions.
- **Additional information:**
 - EUH208 Contains Neodecanoic acid, cobalt salt. May produce an allergic reaction.
 - EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
 - **Description:** Solvent-borne wax

 · **Dangerous components:**

EC number: 918-481-9 Reg.nr.: 01-2119457273-39	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatic compounds ⚠ Asp. Tox. 1, H304, EUH066	> 25 – ≤ 50%
CAS: 8002-74-2 EINECS: 232-315-6 Reg.nr.: 01-2119488076-30	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	> 2.5 – ≤ 10%
CAS: 64742-47-8 EINECS: 265-149-8 Reg.nr.: 01-2119457736-27	Distillates (petroleum), hydrotreated light ⚠ Asp. Tox. 1, H304	> 2.5 – ≤ 10%
CAS: 27253-31-2 EINECS: 248-373-0 Reg.nr.: 01-2119970733-31	Neodecanoic acid, cobalt salt ⚠ STOT RE 1, H372; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412	> 0.1 – < 1%

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

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:**
 - Immediately remove any clothing soiled by the product.
 - In case of symptoms or in case of doubt seek medical advice.
 - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - **After skin contact:** Generally the product does not irritate the skin.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Keep away from heat and direct sunlight.
Use only in well ventilated areas.
 - **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect from heat.
- **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:**
Do not store together with oxidising and acidic materials.
 - **Further information about storage conditions:**
Protect from frost.
Store in cool, dry conditions in well sealed receptacles.
 - **Storage class:** 10
- **7.3 Specific end use(s)** Observe the technical data sheet

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SECTION 8: Exposure controls/personal protection
8.1 Control parameters

 · **Ingredients with limit values that require monitoring at the workplace:**
8002-74-2 Paraffin waxes and Hydrocarbon waxes

<i>WEL</i>	Short-term value: 6 mg/m ³ Long-term value: 2 mg/m ³
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 · **Additional information:** The lists valid during the making were used as basis.

8.2 Exposure controls

 · **Appropriate engineering controls** No further data; see item 7.

 · **Individual protection measures, such as personal protective equipment**

 · **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working.

 · **Respiratory protection:** Not necessary if room is well-ventilated.

 · **Hand protection**

Nitrile rubber

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

After use of gloves apply skin-cleaning agents and skin cosmetics.

 · **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

 · **Penetration time of glove material**

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

 · **For the permanent contact gloves made of the following materials are suitable:**

Nitrile rubber, NBR

 · **Eye/face protection** Safety glasses

 · **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties

 · **General Information**

 · **Physical state**

Fluid

 · **Colour:**

According to product specification

 · **Odour:**

Weak, characteristic

 · **Odour threshold:**

Not determined.

 · **Melting point/freezing point:**

Undetermined.

 · **Boiling point or initial boiling point and boiling range**

160 °C (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatic compounds)

 · **Flammability**

Not applicable.

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· Lower and upper explosion limit	
· Lower:	0.6 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatic compounds)
· Upper:	7 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatic compounds)
· Flash point:	> 61 °C
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity at 40 °C	253 mm ² /s
· Dynamic:	Not determined.
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	0.92 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information

· Appearance:	
· Form:	Pasty
· Important information on protection of health and environment, and on safety.	
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	34.7 %
· VOC (EC)	319.4 g/l
· VOCV (CH)	34.71 %
· Solids content:	64.9 %
· Change in condition	
· Evaporation rate	Not determined.

· Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void

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| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable when using the recommended regulations for storage and handling.
 - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Do not heat up in an uncontrolled manner.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
 - **Acute toxicity**

· **LD/LC50 values relevant for classification:**

27253-31-2 Neodecanoic acid, cobalt salt

Oral	LD50	1,098 mg/kg (rat)
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· **Respiratory or skin sensitisation** May cause sensitization on skin contact.

- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

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· 12.7 Other adverse effects**· Additional ecological information:****· General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations**· 13.1 Waste treatment methods****· Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information**· 14.1 UN number or ID number****· ADR, IMDG, IATA**

not regulated

· 14.2 UN proper shipping name**· ADR, IMDG, IATA**

not regulated

· 14.3 Transport hazard class(es)**· ADR, ADN, IMDG, IATA****· Class**

not regulated

· 14.4 Packing group**· ADR, IMDG, IATA**

not regulated

· 14.5 Environmental hazards:

Not applicable.

· 14.6 Special precautions for user

Not applicable.

· 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

· UN "Model Regulation":

not regulated

SECTION 15: Regulatory information**· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****· Directive 2012/18/EU**

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Regulation (EU) No 528/2012 on biocides

None of the ingredients is listed.

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· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 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 phrases**

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H317 May cause an allergic skin reaction.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· **Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Sens. 1: Skin sensitisation – Category 1
- STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3