

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

· **Trade name:** *Irsa Industrie Hartöl HS farblos und farbig*

· **Article number:** *N1120050*

· 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

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

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

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

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

· **Environmental release category** *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

www.irsa.de

· **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*

· **Signal word** *Void*

· **Hazard statements** *Void*

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- **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.
 - EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
- **2.3 Other hazards** Absorbed and finely distributed in the absorption medium, it may self-ignite after self-ignition.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
 - **Description:** Paints solvent- & water free

- **Dangerous components:**

CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17	titanium dioxide ☠ Carc. 2, H351	> 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.
- **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.

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- *For safety reasons unsuitable extinguishing agents: Water with full jet*
- **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*

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
 - **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **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.*

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- **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** > 300 °C (8001-22-7 soybean oil)
 - **Flammability** Not applicable.
 - **Lower and upper explosion limit**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
 - **Flash point:** > 200 °C (8001-22-7 soybean oil)
 - **Decomposition temperature:** Not determined.
 - **pH** Not determined.
 - **Viscosity:**
 - **Kinematic viscosity at 20 °C** 100 s (DIN 53211/4)
 - **Dynamic:** Not determined.
 - **Solubility**
 - **water:** Not miscible or difficult to mix.
 - **Partition coefficient n-octanol/water (log value)** Not determined.
 - **Vapour pressure:** Not determined.

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· Density and/or relative density	
· Density at 20 °C:	1.06 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

9.2 Other information

· Appearance:	
· Form:	Fluid
· 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:	0.1 %
· VOC (EC)	1.2 g/l
· VOCV (CH)	0.11 %
· Solids content:	99.2 %
· 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
· 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.

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 · **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:**
ATE (Acute Toxicity Estimates)

Inhalative	LC50/4 h	> 141 mg/l (rat)
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13463-67-7 titanium dioxide

Oral	LD50	> 20,000 mg/kg (rat)
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Dermal	LD50	> 10,000 mg/kg (rabbit)
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Inhalative	LC50/4 h	> 6.82 mg/l (rat)
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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.

 · **12.7 Other adverse effects**

 · **Additional ecological information:**

 · **General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

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.

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

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|---|-----------------|
| · 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.

- **Directive 2004/42 / EC on emission limitation of VOCs from paints and varnishes**
VOC product category: (Kat. A/f); VOC limit: 700 g / l
Maximum VOC content of ready to use product (g / l): 4

- **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.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.

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H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

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

Carc. 2: Carcinogenicity – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3