CENTRE OF TESTING SERVICE

INTERNATIONAL

OPERATE ACCORDING TO ISO/IEC 17025

SDS REPORT

Test Report Number: [redacted]

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General Information

Application Details

Name	: [redacted]
Address	: [redacted]
Contact	: /
Telephone	: [redacted]
Fax	: [redacted]
Mobile telephone	: [redacted]
Email	: [redacted]

Manufacturer & Buyer

Manufacturer name	: [redacted]
Address	: [redacted]
Contact	: /
Telephone	: [redacted]
Fax	: [redacted]
Mobile telephone	: [redacted]
Email	: [redacted]
Buyer name	: /

Description of the Test Item

Sample name	: Desoldering Wire
Model No.	: /
Brand name	: /
Condition of sample(s)	: EFFECTIVE

The measurement results only apply to the submitted samples.

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

· **1.1 Product identifier**

· **Trade name:** Desoldering Wire

· **Registration number:** Data not available

· **1.2 Relevant identified uses of the substance or mixture and uses advised against on**

· **Application of the substance/ mixture:** Desoldering Wire

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Ningbo Zhongdi Industry & Trade Co.,Ltd.

Jishigang Industry Zone, Yinzhou District, Ningbo 315171, P. R. China

Tel: +86-13757468658

Email: zdec@cnool.net

· **Only Representative/other EU contact point:** Information not available

· **Further information obtainable from:** Ningbo Zhongdi Industry & Trade Co.,Ltd.

· **1.4 Emergency telephone number**

General in EU

112 (Available 24 hours a day)

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

Classification according to regulation (EC) 1272/2008:

GHS07 Exclamation mark

Skin Sens. 1 H317 May cause an allergic skin reaction

· **Classification system:**

The classification is according to the latest edition of Regulation 1272/2008, and extended by company and literature data.

· **2.2 Label elements**

· **Labeling according to Regulation (EC) No 1272/2008:** The product is labeled according to CLP regulation.

· **Hazard pictograms:**

GHS07

· **Signal word:** Warning

· **Hazard statements:**

H317	May cause an allergic skin reaction

· **Precautionary statement:**

P261	Avoid breathing dust.
P280	Wear protective gloves.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatments see the first aid measures on this label.

P501 Dispose of contents/container in accordance with local regulation.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients

· **3.1 Chemical characterization:** Mixture

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Component:**		
CAS No.: 7440-50-8 EC No.: 231-159-6	Copper	90%
CAS No.: 8050-09-7 EC No.: 232-475-7 Index No.: 650-015-00-7	Rosin Skin Sens. 1, H317	10%

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

General advice: If medical advice is needed, have product container or label at hand.

After inhalation: Supply with fresh air. Call a POISON CENTER/doctor if you feel unwell.

After skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

After swallowing: Rinse mouth. If feel unwell, get medical advice/attention.

· **4.2 Most important symptoms and effects, both acute and delayed:** May cause an allergic skin reaction.

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

SECTION 5: Fire-fighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:** CO_2, powder, water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture:** May produce allergic vapor/gas.

· **5.3 Advice for firefighters**

Protective equipment: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures:**

Cut off leakage source and collect spillage if safe do it; Ensure adequate ventilation; Wear protection gloves/ eye protection/face protection; Avoid breathing dust; Prevent contact with skin and eyes.

· **6.2 Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water; Inform respective authorities in case of seepage into water course or sewage system.

· **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically; Ensure good ventilation; Dispose contaminated material as waste according to item 13.

· **6.4 Reference to other sections:**
See section 7 for information on safe handing; See section 8 for information on personal protection equipment; See section 13 for disposal in formation.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling:**
Ensure adequate ventilation; Wear protection gloves/ eye protection/face protection; Avoid breathing dust; Prevent contact with skin and eyes.

· **Information about fire and explosion protection:** Normal measures for preventive fire protection.

· **7.2 Conditions for safe storage, including any non-compatibility**

· **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilated place.

· **Information about storage in one common storage facility:** Keep away from foodstuffs.

· **Further information about storage conditions:** Store locked up.

· **7.3 Specific end use(s):** Desoldering Wire.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
8050-09-7 Rosin (10%)		
Latvia	4 mg/m³	-
United Kingdom	0.05 mg/m³	0.15 mg/m³

· **DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
8050-09-7 Rosin			
Systemic effects	Long-term, dermal exposure	2.131 mg/kg bw/day	1.065 mg/kg bw/day
	Long-term, oral exposure	-	1.065 mg/kg bw/day

· **PNECs:**

PNEC type	Value
8050-09-7 Rosin	
Freshwater	1.6 µg/L
Intermittent releases (freshwater)	16 µg/L
Marine water	160 ng/L
Sewage treatment plant (STP)	1 g/L
Sediment (freshwater)	7 µg/kg sediment dw
Sediment (marine water)	700 ng/kg sediment dw

· **Additional information:** The lists valid during the marking were used as basis.

· **8.2 Exposure controls**

· **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

· **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work; Contaminated work clothing should not be allowed out of the workplace; Take off contaminated clothing and wash it before reuse; See section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Respiration protection:** Ensure good ventilation; suitable respiratory protective device recommended.

· **Protection of hands:**

Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness> 0.11mm; breakthrough times up to 480 minutes).

· **Eye protection:**

Safety glasses

Protective goggles with side-shields.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **Appearance:**	
Form	Solid
Color	Golden color.
Odor	Odorless
Odor threshold	Not determined
· **pH-value**	Not applicable
· **Change in condition**	
Melting point/melting range	Not determined
Boiling point and boiling range	Not determined
· **Freezing point**	Not determined
· **Flash point**	Not applicable
· **Flammability(solid, gas)**	Not flammable solid
· **Decomposition temperature**	Not determined
· **Self-ignition**	Product is not self-igniting.
· **Danger of explosion**	Product does not present explosive hazard.
· **Explosion limits**	
Lower:	Not explosive
Upper:	Not explosive
· **Oxidizing properties**	No oxidation
· **Vapor pressure**	Not determined
· **Density**	Not determined
· **Relative density**	Not determined
· **Vapor density**	Not determined
· **Evaporation rate**	Not determined
· **Solubility in/Miscibility with**	
Water	Insoluble in water
· **Partition coefficient (n-octanol/water)**	Not determined

· Viscosity	
Dynamic	Not applicable
Kinematic	Not applicable
· 9.2 Other information	Data not available

SECTION 10: Stability and reactivity

· **10.1 Reactivity:** No decomposition if used according to specification.

· **10.2 Chemical stability:** Stable under recommended storage conditions.

· **10.3 Possibility of hazardous reactions:** No further relevant information available.

· **10.4 Conditions to avoid:** High temperature.

· **10.5 Incompatible materials:** Strong acid.

· **10.6 Hazardous decomposition products:** No known hazardous decomposition products.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**
· **Acute toxicity:** Based on available data, the classification criteria are not met.
· **LD/LC50 values relevant for classification:** No animal test has been done for this product or the components.
· **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
· **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
· **Respiratory or skin sensitization:** May cause an allergic skin reaction.
· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
· **Carcinogenicity:** Based on available data, the classification criteria are not met.
· **Reproductive toxicity:** Based on available data, the classification criteria are not met.
· **STOT-single exposure:** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
· **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:** Not hazardous to aquatic environment.

8050-09-7 Rosin	
Short–term toxicity to fish	LC50 (4 days) 1.7 - 5.4 mg/L
Short–term toxicity to aquatic invertebrates	LC50 (48 h) 1.6 mg/L NOEC (48 h) 625 µg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 16.6 - 39.6 mg/L NOEC (72 h) 6.25 mg/L
Toxicity to microorganisms	EC50 (3 h) 10 g/L

· **12.2 Persistence and degradability:**

8050-09-7	Rosin	Readily biodegradable (in water)

· **12.3 Bio-accumulative potential:** Not bio-accumulation.

8050-09-7	Rosin	Log Pow = 0.74 - 7.7 at 20 - 40 °C and pH 2 - 7.72

· **12.4 Mobility in soil:** Data not available

· **12.5 Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

· **12.6 Other adverse effects:** No further relevant information available.

· **12.7 Additional ecological information**

· **General notes:** Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.

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

SECTION 13:Disposal consideration

· **13.1 Waste treatment methods**

· **Recommendation:** Must not be disposed together with household garbage. Recycle it.

· **13.2 Un-cleaned packaging**

· **Recommendation:** Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

· **14.1 UN-Number**	
ADR, RID, ADN IMDG, IATA	Not regulated as dangerous transport goods, void.
· **14.2 UN proper shipping name**	
ADR, RID, ADN IMDG, IATA	Void
· **14.3 Transport hazard class (es)**	
ADR, RID, ADN IMDG, IATA	
Class	Void
Label	Void
· **14.4 Packing group**	
ADR, RID, ADN IMDG, IATA	Void
· **14.5 Marine pollution**	No
· **14.6 Special precautions for user**	Void
· **14.7 UN "Model Regulation"**	Void

SECTION 15: Regulatory information

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

· **MAK (German Maximum Workplace Concentration):** None of the ingredients is listed.

· **Directive 2012/18/EU**

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

· **National regulations.**

· **Water hazard class:** Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** None of the ingredients is listed.

· **REACH Regulation Annex XVII Restriction:** None of the ingredients is listed.

· **REACH Regulation Annex XIV Authorization List:** None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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 Harmonized System of Classification and Labeling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

NOEC: No observed effect concentration

EC50: Concentration of maximal effect, 50 percent

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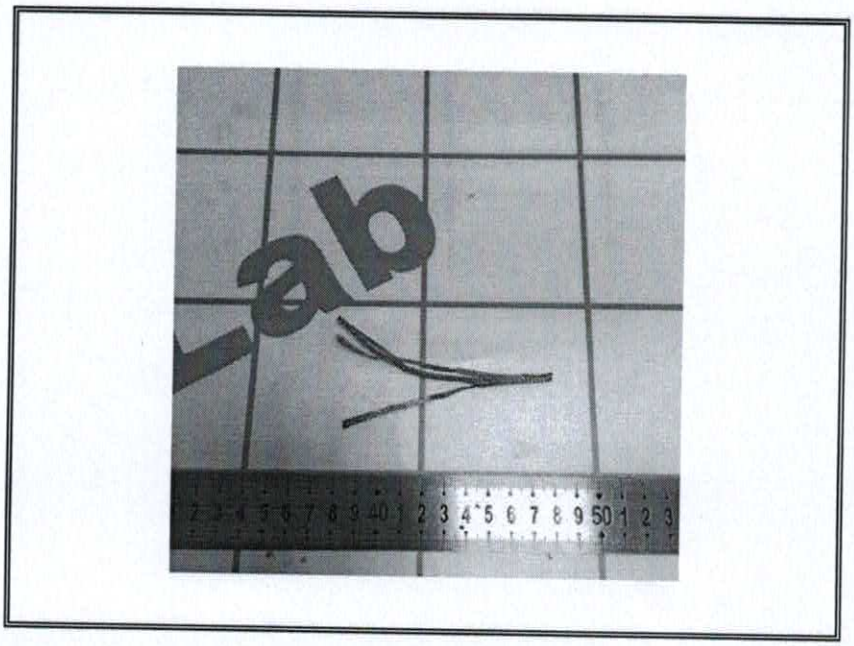
End of safety data sheet

Written by: Jessie Inspected by: Susei Approved by: Jan

*** End of Report ***

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