



**CENTRE OF TESTING SERVICE  
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

# **SDS REPORT**

Test Report Number: [REDACTED]

CTS (Ningbo) Testing Service Technology Co., Ltd.

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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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#### CTS (Ningbo) Testing Service Technology Co., Ltd.

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See Reverse For Terms And Conditions

## 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<sub>2</sub>, 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 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:**

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/m <sup>3</sup>	-
United Kingdom	0.05 mg/m <sup>3</sup>	0.15 mg/m <sup>3</sup>

• **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
	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 > 0.11 mm; 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)
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- 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
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- 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 Label	Void 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:**

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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 \*\*\*

**Sample Reference Photo**

