

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

1.1. Product identifier

Trade name : Desoldering Wire

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

Premier Farnell plc
150 Armley Road, Leeds, LS12 2QQ
+44 (0) 8701 202530

1.4. Emergency telephone number

+44 1865 407333

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

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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: CO₂, 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.



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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 ³	-
United Kingdom	0.05 mg/m ³	0.15 mg/m ³

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.



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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
Colour	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



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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.

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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

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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.

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

Part Number

ZD-180/87-1804

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