

MATERIAL SAFETY DATA SHEET

Desoldering Braid 3S-Wick® / Spirig-Wick®

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Braided pure copper metal coated with a rosin (modified)

Spirig Part Numbers: **LS/00..., LS/AA..., LS/AB..., LS/BB...** (...length identifier)

Spirig US Part Numbers: **LS/00..., LS/AA..., LS/AB..., LS/BB...** (...length identifier)

Synonyms: **Desoldering Braid, Desoldering Wick, Solder Removal Wick**

Company Identification: Spirig Ernest, Dipl.-Ing., Hohlweg 1, CH-8640 Rapperswil, Switzerland
phone: (+41) 55 222 69-00 fax: (+41) 55 222 69-69 or

E_Information Support: Contact USA: **support.usa@spirig.net**
Contact Asia & Europe: **support@spirig.net**

Emergency Number: +41 55 222 69-00 +41 area code for Switzerland

For CHEMTREC assistance, call: -

For International CHEMTREC assistance, call: -

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%	EINECS#
7440-50-8	Copper, pure	99,8 - 99,9	-
8050-09-7	Rosins	0,2 - 0,1	-
Proprietary	Additives, activators, non-hazardous blends;	<0,5	proprietary
Hazard Symbols:			
Risk Phrases:			

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: Shiny Copper metal surface

Danger! In general any rosin flux as used for soldering or desoldering purposes may cause by prolonged contact with skin allergic reaction(s) with skin rash. Clean hands regularly.

Target Organs: None.

Potential Health Effects

Eye: Remove metal fragments and flush with water.

Skin: Rosin may cause skin rash.

Ingestion: Induce vomiting. Metallic wire strands could cause internal digestive tract bleeding.

Inhalation: It is good and established practice in the art of soldering that fumes created by fluxes during soldering or desoldering activities are to be force extracted by ventilation means. So prolonged inhalation possibilities should not exist. Otherwise: Remove to fresh air. If breathing stops call CPR.

Chronic: Wash hand and skin regularly.

SECTION 4 -

Eyes:
Skin:
Ingestion:
Inhalation:
Notes to Physician:
Antidote:

FIRST AID MEASURES

Remove foreign matter / metal strand fibers.
Wash regularly.
Induce vomiting.
Remove to fresh air.

SECTION 5 -

General Information:

Extinguishing Media:

Autoignition Temperature:
Flash Point:
NFPA Rating:
Explosion Limits,

FIRE FIGHTING MEASURES

The material is not really a combustible material.
If heated, the rosin might start to release smoke and fumes similar to those created during ordinary use.
Do not use water. Copper metal might react with Bromates, Chlorates and Iodates and other oxygen suppliers,
None known
None known
None known
None known

SECTION 6 -

General Information:
Spills/Leaks:

ACCIDENTAL RELEASE MEASURES

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-

SECTION 7 -

Handling:
Storage:

HANDLING and STORAGE

Store in dry cool places.
Store in dry cool places.

SECTION 8 -

Engineering Controls:

Exposure Limits:

EXPOSURE CONTROLS, PERSONAL PROTECTION

Use proper air ventilation at place any Soldering- or Desolder-braid products are used.
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Chemical Name	ACGIH	NIOSH	OSHA - Final PELs

OSHA Vacated PELs:
Potassium hydroxide:
Water:

-
C 2 mg/m³
No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes:
Skin:
Clothing:
Respirators:

Wear appropriate protective eyeglasses.
If irritant use gloves (any type down to Cotton/Jersey grade).
-
Fumes from Soldering and Desoldering operations must be vented.

SECTION 9 -**PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Solid copper strands with a fine coating of rosin layer(s)
Appearance:	Flexible copper braid with shiny copper surface.
Odor:	None if not heated. Heated odor is a typical odor of rosins.
pH:	-
Vapor Pressure:	-
Vapor Density:	-
Evaporation Rate:	-
Viscosity:	-
Boiling Point:	-
Freezing/Melting Point:	-
Decomposition Temperature:	Not available.
Solubility:	-
Specific Gravity/Density:	Copper
Molecular Formula:	Copper
Molecular Weight:	Copper

SECTION 10 -**STABILITY AND REACTIVITY**

Chemical Stability:	Stable.
Conditions to Avoid:	Incompatible materials, acids, metals.
Incompatibilities with Other Materials:	Bromates, Chlorates and Iodates and other oxygen suppliers,
Hazardous Decomposition Products:	Fumes
Hazardous Polymerization:	-

SECTION 11 -**TOXICOLOGICAL INFORMATION**

RTECS#:	
CAS# -	-
CAS# -	-
LD50/LC50:	
CAS# -	Oral, rat: -
CAS# -	Oral, rat: -
Carcinogenicity:	None known. Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Epidemiology:	No data available.
Teratogenicity:	No information reported.
Reproductive Effects:	No data available.
Neurotoxicity:	No data available.
Mutagenicity:	No data available.
Other Studies:	No data available.

SECTION 12 -**ECOLOGICAL INFORMATION**

Ecotoxicity:	Not available.
Environmental Fate:	Not available.
Physical/Chemical:	Not available.
Other:	Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

RCRA D-Series Maximum Concentration of Contaminants: Not listed

RCRA D-Series Chronic Toxicity Reference Levels: Not listed.

RCRA F-Series: Not listed.

RCRA P-Series: Not listed.

RCRA U-Series: Not listed.

Not listed as a material banned from land disposal according to RCRA.

SECTION 14 - TRANSPORT INFORMATION

US DOT: Nonhazardous material

Shipping Name: Copper wire, Copper braid coated with a resin / rosin

IATA: Nonhazardous material

UN Number: Tariff Code: 7413.00.1000

Packing Group: -

IMO: -

RID/ADR: -

SECTION 15 - REGULATORY INFORMATION

US FEDERAL TSCA

CAS# -

CAS# -

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302 (RQ) final RQ = 1000 pounds (454 kg)

Section 302 (TPQ)

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 1310-58-3: acute, reactive.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

CAS# 1310-58-3 is listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority

Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

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California

No Significant Risk Level: None of the chemicals in this product are listed.

European

International Regulations / European Labeling in Accordance with EC Directives

Hazard Symbols:

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Risk Phrases:

-

Safety Phrases:

S2 Keep out of reach of children.

-

-

WGK (Water Danger/Protection)

CAS# 1310-58-3:

-

CAS# 7732-18-5:

-

Canada CAS#

- is listed on Canada's DSL/NDSL List.

CAS# - is listed on Canada's DSL/NDSL List.

This product has a WHMIS classification of /.

CAS# -

- is listed on Canada's Ingredient Disclosure List.

CAS# -

- is not listed on Canada's Ingredient Disclosure List.

Exposure Limits CAS# -:

OEL - AUSTRALIA: -. OEL-BELGIUM: STEL -. OEL-JAPAN: -. OEL-THE NETHERLANDS: - SWITZERLAND: -. OEL-UNITED KINGDOM: -; -. OEL IN BULGARIA, COLOMBIA, JORDAN, KOREA check ACGIH TLV. OEL IN NEW ZEALAND, SINGAPORE, VIETNAM check ACGI TLV

SECTION 16 -

ADDITIONAL INFORMATION

MSDS Creation Date: 12/12/1995

Review Dates: 12/12/1997 // 12/12/2001 // 11/12/2005 // 12/1/2014

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Spirig be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Spirig has been advised of the possibility of such damages.

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