



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

COMPILE REPORT

Compile Report Number : CNB3170913-03123-CO-R1

**CTS (Ningbo) Testing Service Technology Co., Ltd.
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1 General Information**1.1 Application Details**

Name : Ningbo Zhongdi Industry & Trade Co., Ltd
Address : Jishigang Industry Development Area, Ningbo
Contact : /
Telephone : /
Fax : /
Mobile telephone : /
Email : /

1.2 Manufacturer & Buyer

Manufacturer name : Ningbo Zhongdi Industry & Trade Co., Ltd
Address : Jishigang Industry Development Area, Ningbo
Contact : /
Telephone : /
Fax : /
Mobile telephone : /
Email : /
Buyer name : /

1.3 Description of the Compile Item

Sample name : Solder wire
Model No. : /
Brand name : /
Condition of sample(s) : EFFECTIVE

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2 Compile Results

2.1 General Information

2.1.1 Sample Receiving Date

Sep. 14, 2017

2.1.2 Compile Period

Sep. 14, 2017 to Sep. 22, 2017

2.1.3 Compile Requested

MSDS report of products

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2.2 Results

Safety Data Sheet according to 1907/2006/EC, Article 31	
1 Identification of the substance / Preparation and of the company	
PRODUCT NAME	: Solder wire
PRODUCT TYPE	: /
Manufacturer/Supplier	: Ningbo Zhongdi Industry & Trade Co., Ltd
ADDRESS	: Jishigang Industry Development Area, Ningbo
TEL	: /
FAX	: /
E-mail	: /
2 HAZARDS IDENTIFICATION	
· 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008. <i>GHS08 health hazard</i> Repr. 1A H360 May damage fertility or the unborn child. STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure. <i>GHS07</i> Acute Tox. 4 H302 Harmful if swallowed. Acute Tox. 4 H332 Harmful if inhaled. · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. · Hazard pictograms <i>GHS07 GHS08</i> · Signal word Danger · Hazard-determining components of labelling: lead · Hazard statements H302+H332 Harmful if swallowed or if inhaled. H360 May damage fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.	

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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 label before use.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.

2.3 Other hazards

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

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

Dangerous components:

CAS: 7440-31-5 EINECS: 231-141-8	tin substance with a Community workplace exposure limit	60.0%
CAS: 7439-92-1 EINECS: 231-100-4	lead Repr. 1A, H360; STOT RE 2, H373; ~ Acute Tox. 4, H302; Acute Tox. 4, H332	40.0%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 FIRST AID MEASURES

4.1 Description of first aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· **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:** Call for a doctor 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.

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5 FIRE-FIGHTING MEASURES	
• 5.1 Extinguishing media • Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions. • 5.2 Special hazards arising from the substance or mixture During heating or in case of fire poisonous gases are produced. • 5.3 Advice for firefighters • Protective equipment: Mouth respiratory protective device.	
6 ACCIDENTAL RELEASE MEASURES	
• 6.1 Personal precautions, protective equipment and emergency procedures: Mount respiratory protective device. • 6.2 Environmental precautions: No special measures required. • 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. • 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.	
7 HANDLING AND STORAGE	
• 7.1 Precautions for safe handling Thorough dedusting. Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. • Information about fire - and explosion protection: Keep respiratory protective device available. • 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: Not required. • Further information about storage conditions: Keep container tightly sealed. • 7.3 Specific end use(s) No further relevant information available.	
8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
• Additional information about design of technical facilities: No further data; see item 7. • Ingredients with biological limit values:	
7439-92-1 lead	
BGW (Germany)	300 µg/l Untersuchungsmaterial: Vollblut Probennahmezeitpunkt: keine Beschränkung Parameter: Blei Frauen < 45 J. 400 µg/l Untersuchungsmaterial: Vollblut Probennahmezeitpunkt: keine Beschränkung Parameter: Blei

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7439-92-1 lead	
BGW (Germany)	300 µg/l Untersuchungsmaterial: Vollblut Probennahmezeitpunkt: keine Beschränkung Parameter: Blei Frauen < 45 J. 400 µg/l Untersuchungsmaterial: Vollblut Probennahmezeitpunkt: keine Beschränkung Parameter: Blei
· Additional information: The lists valid during the making were used as basis. · 8.2 Exposure controls · Personal protective equipment: · General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Store protective clothing separately. · Respiratory protection:  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. · Protection of hands:  Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · 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. · Eye protection:	

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Tightly sealed goggles

9 PHYSICAL AND CHEMICAL PROPERTIES**· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:****Form:** Solid**Colour:** Silver**· Odour:** Not determined**· Odour threshold:** Not determined.**· pH-value:** Not applicable.**· Change in condition:****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** Undetermined.**· Flash point:** Not determined.**· Flammability (solid, gas):** Not determined.**· Ignition temperature:****Decomposition temperature:** Not determined.**· Auto-ignition temperature:** Not determined.**· Explosive properties:** Not determined.**· Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**· Vapour pressure:** Not applicable.**· Density:** Not determined.**· Relative density:** Not determined.**· Vapour density:** Not applicable.**· Evaporation rate:** Not applicable.**· Solubility in / Miscibility with water:** Not determined.**· Partition coefficient: n-octanol/water:** Not determined.**· Viscosity:****Dynamic:** Not applicable.**Kinematic:** Not applicable.**· 9.2 Other information:** No further relevant information available.

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10 STABILITY AND REACTIVITY

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **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** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

11 TOXICOLOGICAL INFORMATION

- **11.1 Information on toxicological effects**
- **Acute toxicity**
Harmful if swallowed or if inhaled.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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**
May damage fertility or the unborn child.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure**
May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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

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14 TRANSPORT INFORMATION
· 14.1 UN-Number · ADR, ADN, IMDG, IATA Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class Void
· 14.4 Packing group · ADR, IMDG, IATA Void
· 14.5 Environmental hazards: Not applicable.
· 14.6 Special precautions for user Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.
· UN "Model Regulation": Void
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 (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 30 · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
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. This safety data sheet (6617)263-1457 is prepared upon applicant Ningbo welding material factory's request. However, no SDS of ingredients was provided by the applicant. And no further testing data provided. Therefore, this document is compiled in accordance with what we obtained.

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Relevant phrases

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H360 May damage fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

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 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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Repr. 1A: Reproductive toxicity – Category 1A

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Note : The report is amended from the report CNB3170913-03123-CO.
The report CNB3170913-03123-CO become invalid.

Written by:

Inspected by:

Approved by:



End of Report

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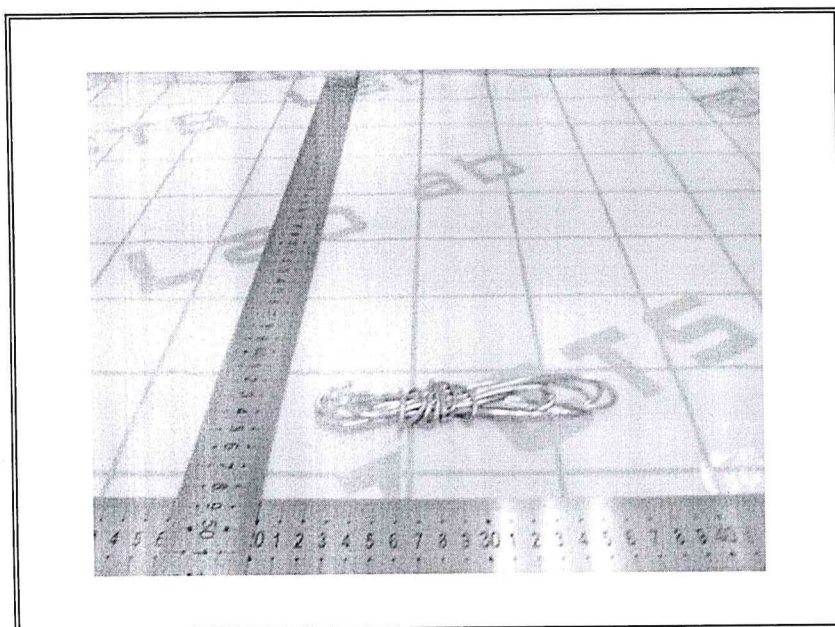
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3 Sample Reference Photo



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