

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006  
Version 6.0: Revision date: 05/02/2023

## 1. Identification of the substance/mixture

### 1.1 Product identifiers

Product Name: Surclean SPL-15 Solder paint SDS Lead containing Alloys

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use: Soldering metal joints. Industrial uses [SU3]; Professional uses [SU22].

Uses advised against: Any other than the identified use.

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Skin Corr. 1B: H314;

Aquatic Acute 1: H400;

Aquatic Chronic 1: H410;

Acute Tox. 4: H302;

STOT SE 3; H335: C  $\geq$  5 %

### 2.2 Label elements

Hazard pictograms



Signal word: Danger

Emergency Contact – Tel: +44 (0)1983 290333 Email: [info@surclean.co.uk](mailto:info@surclean.co.uk)

**Hazard statement(s):**

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H360D	May damage fertility. May damage the unborn child.
H362	May cause harm to breast-fed children.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting.

**Precautionary statements:**

P201 + 202	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P263	Avoid contact during pregnancy and while nursing.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312 + P330 + P331 – IF SWALLOWED: Call a POISON CENTRE or doctor/physician. Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 – If exposed or concerned: Get medical advice.

P363 – Wash contaminated clothing before reuse.

P391 – Collect spillage. Hazardous to the aquatic environment.

P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.

P405 – Store locked up.

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P501 – Dispose of contents/container to all local/regional/national/international regulations.

Supplemental Hazard Information N/A

### 2.3 Other hazards- None known

## 3. Composition/Information on Ingredients

### 3.2 Mixtures

Component	Classification according to Regulation (EC) No 1278/2008 (CLP)	Conc (%w/w)
<b>Lead Ingot (Lead)</b>		
CAS No 7439-92-1 EC No 231-100-4 Index No REACH Registration No. 01-2119513221-59-xxxx	Repr. 1A: H360FD: May dam; Lact.: H362	40-60
<b>Tin</b>		
CAS No 7440-31-5 EC No 231-141-8 Index No REACH Registration No. 01-2119486474-28-xxxx		20-30
<b>Zinc chloride (Zinc chloride, fume)</b>		
CAS No 7646-85-7 EC No 231-592-0 Index No 030-003-00-2 REACH Registration No. 01-2119472431-44-xxxx	Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 4: H302; STOS SE 3: H335; C ≥ 5 %	10-20

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## **4. First Aid Measures**

### **4.1 Description of first aid measures**

#### **General information**

If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor/physician in attendance.

#### **Following inhalation**

Inhalation of vapour may cause shortness of breath. Seek medical attention.

#### **Following skin contact**

Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

#### **Following eye contact**

Causes burns. Causes severe inflammation and may damage the cornea. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.

#### **Following ingestion**

Ingestion causes burns to the respiratory tract. **DO NOT INDUCE VOMITING.** Toxic if swallowed. If swallowed seek medical advice immediately and show this container or label.

### **4.2 Most important symptoms and effects, both acute and delayed**

Causes severe inflammation and may damage the cornea. Inhalation may cause shortness of breath. May cause nausea and vomiting.

### **4.3 Indication of any immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. If swallowed seek medical attention immediately and show this container or label.

## **5. Fire Fighting Measures**

### **5.1 Extinguishing media**

Use as appropriate: Carbon dioxide (CO<sub>2</sub>), Dry chemical. Foam. Water spray.

**Unsuitable extinguishing media**

N/A

**5.2 Special hazards arising from the substance or mixture**

Corrosive. Burning produce irritating, toxic and obnoxious fumes.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus.

**5.4 Further information**

N/A

**6. Accidental Release Measures**

**6.1 Personal precautions, protection equipment and emergency procedures**

Ensure adequate ventilation of the working area. Wear suitable protective equipment. Evacuate personnel to a safe area. Advice for emergency responders: For personal protection see Section 8.

**6.2 Environmental precautions**

Do not allow product to enter drains. Prevent further spillage if safe.

**6.3 Methods and material for containment and cleaning up**

Stop leak if without risk. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

**6.4 Reference to other sections**

For disposal see Section 13.

**7. Handling and Storage**

**7.1 Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

## 7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store in original container.

## 7.3 Specific end use

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

# 8. Exposure Controls/Personal Protection

## 8.1 Control parameters

Component	CAS No.	Workplace Exposure Limit				Basis
		Long-term exposure limit (8-hr TWA)		Short-term exposure limit (15 minutes)		
		ppm	Mg/m <sup>3</sup>	ppm	Mg/m <sup>3</sup>	
Lead	7439-92-1	-	0.15	-	-	UK. EH40 WEL - Workplace Exposure Limit
Tin	7440-31-5	-	0.1	-	0.2	UK. EH40 WEL - Workplace Exposure Limit
Zinc chloride (Zinc chloride, fume)	7646-85-7	-	1	-	2	UK. EH40 WEL - Workplace Exposure Limit

## 8.1 Exposure controls

### 8.2.1 Appropriate engineering controls:

Ensure adequate ventilation of the working area. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure the eyewash stations and safety showers are close to the workstation location.

### 8.2.2 Personal protective equipment

Wear chemical protective clothing. Wash all contaminated clothing before re-use.

### **8.2.2.1 Eye and face protection:**

Approved safety goggles required.

### **8.2.2.2 Skin protection:**

Chemical resistant gloves (PVC).

Other skin protection:

Wear appropriate chemical resistant clothing

Use as appropriate: Personal protective equipment for the body should be selected based on the task being performed and the risk involved and should be approved by a specialist before handling this product.

### **8.2.2.3 Respiratory protection:**

Self-contained breathing apparatus.

### **8.2.2.4 Thermal hazards:**

Wear appropriate thermal protective clothing, when necessary.

### **8.2.3 Environmental exposure controls:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## **9. Physical and Chemical Properties**

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

Appearance	Paste
Colour	Grey
Odour	Mild
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Evaporation rate	No data available

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Flammability rate	No data available
Vapour flammability	No data available
Upper Explosive Limit	No data available
Lower Explosive Limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat solubility	No data available
Partition coefficient	No data available
Auto ignition temperature	No data available
Oxidising	No data available
Solubility	No data available

## 9.2 Other safety information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene content	No data available
Lead content	No data available
VOC (Volatile Organic Compounds)	No data available

## 10. Stability and Reactivity

### 10.1 Reactivity

No further relevant information available.

### 10.2 Chemical stability

Stable under normal storage and transport conditions.

### **10.3 Possibility of hazardous reactions**

No data available.

### **10.4 Conditions to avoid**

No data available.

### **10.5 Incompatible materials**

Strong bases, Powdered metals.

### **10.6 Hazardous decomposition products**

In the event of fire: See Section 5

## **11. Toxicological Information**

### **11.1 Information on toxicological effects**

Corrosive. Causes burns.

#### **11.1.3 Hazard information**

No data is available on this product.

#### **11.1.4 Toxicological information**

Toxic by inhalation.

#### **11.1.9 Delayed and immediate effects as well as chronic effects from short and long-term exposure**

No data is available on this product.

## **12. Ecological Information**

### **12.1 Toxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **12.2 Persistence and degradability**

No data available.

### **12.3 Bioaccumulative potential**

No data available.

### **12.4 Mobility in soil**

No data available.

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

No data available.

### **12.6 Other adverse effects**

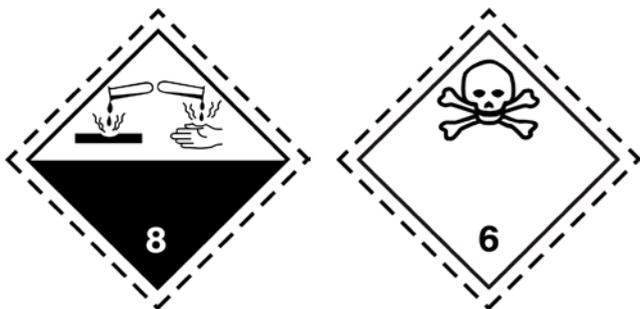
No data available

## **13. Disposal Considerations**

### **13.1 Waste treatment methods**

The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of Spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## **14. Transport information**



**Hazard Pictograms**

**14.1** UN number UN 2922

**14.2** UN proper shipping name CORROSIVE LIQUID, TOXIC, N.O.S. (Zinc Chloride and Lead)

**14.3** Transport hazard class

ADR/RID 8

Subsidiary risk 6.1

IMDG 8

Subsidiary risk 6.1

IATA 8

Subsidiary risk 6.1

**14.4** Packing group III

**14.5** Environmental hazards

Environmental hazards Yes

Marine pollutant Yes

ADR/RID

Hazard ID 86

Tunnel Category 9(E)

IMDG

EmS Code F-A-S-B

IATA

Packing Instruction (cargo) 856

Maximum quantity 60L

Packing instruction (passenger) 852

Maximum quantity 5L

14.6 Special precautions for user No data available

## 15. Regulatory Information

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

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## 16. Other Information

Full text of H-Statements referred to under Sections 2 and 3

**H302:**Harmful if swallowed

**H314:**Causes severe skin burns and eye damage

**H335:**May cause respiratory irritation

**H260D:**May damage fertility. May damage the unborn child

**H362:**May cause harm to breast-fed children

**H400:**Very toxic to aquatic life

**H410:**Very toxic to aquatic life with long lasting effects

The information in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.