

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), as amended by Regulation (EU) 2020/878

Product Name: Cold Galvanising Spray

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

Product Identifier: Cold Galvanising Spray

SECTION 2: Hazards identification



Hazard Statements:

- H222: Extremely flammable aerosol
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H336: May cause drowsiness or dizziness
- H411: Toxic to aquatic life with long lasting effects



SECTION 3: Composition/information on ingredients

Mixture of metal alloys in solid wire form. Main constituents

Substance	CAS No.	EC No.	Concentration	Classification (CLP)
Zinc Powder	7440-66-6	231-175-3	60–90%	Aquatic Chronic 1 (H410)
Acetone	67-64-1	200-662-2	10–25%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
Propane/Butane/Isobutane	68476-85-7	270-704-2	5–15%	Flam. Gas 1, Press. Gas
Resins and Additives	-	-	<5%	-

SECTION 4: First aid measures

Inhalation: Move to fresh air. Seek medical advice if symptoms persist.

Skin contact: Wash thoroughly with soap and water.

Eye contact: Rinse cautiously with water. Remove contact lenses.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

SECTION 5: Firefighting measures

Use dry chemical, CO₂ or alcohol-resistant foam. Avoid water jet.

Fumes may contain metal oxides. Firefighters should wear SCBA.

SECTION 6: Accidental release measures

Avoid dust formation. Use mechanical means to collect material. Ensure good ventilation.

SECTION 7: Handling and storage

Ensure adequate ventilation. Avoid inhalation of fumes. Store in a dry place in sealed containers.

SECTION 8: Exposure controls/personal protection

Exposure controls/personal protection

Engineering controls: Use local exhaust ventilation. Monitor fume levels.

Personal protection: Safety goggles, welding helmet, gloves (EN 388), flame-resistant clothing, and suitable RPE.

Exposure limits (EH40/UK WEL, 4th edition, 2020):

- Nickel (inhalable): 0.5 mg/m³ TWA (Sk)
- Chromium: 0.5 mg/m³ TWA
- Manganese (respirable): 0.05 mg/m³ TWA

SECTION 9: Physical and chemical properties

Form: Solid wire. Colour: Brown. Odour: None.

Melting point: ~1440°C. Solubility: Insoluble in water.

SECTION 10: Stability and reactivity

Stable under normal use. Avoid strong acids and oxidisers.

No hazardous polymerisation expected.

SECTION 11: Toxicological information

Nickel may cause allergic skin reactions. Prolonged inhalation may affect lungs.

Not expected to be acutely toxic. Fumes may irritate respiratory tract.

SECTION 12: Ecological information

Not readily biodegradable. Avoid environmental release. Metal dust may be harmful to aquatic organisms.

SECTION 13: Disposal considerations

Dispose of in accordance with local/national regulations. Do not incinerate. Collect metal waste for recycling where possible.

SECTION 14: Transport information

Not classified as hazardous for transport. No special precautions required.

SECTION 15: Regulatory information

Regulatory information

Regulations: Complies with REACH Regulation (EC) No. 1907/2006, as amended by (EU) 2020/878.

Prepared in anticipation of REACH Revision 2025 (Q4 expected implementation).

Complies with UK COSHH Regulations and CLP Regulation (EC) No. 1272/2008.

SECTION 16: Other information

This SDS has been prepared in accordance with Regulation (EU) 2020/878. It is based on the best available knowledge as of issue date.