

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** BRIGHT ZINC GALVE SPRAY**Article number:** R224**1.2 Relevant identified uses of the substance or mixture and uses advised against****1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:** TYGRIS Industrial
Unit 31, Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
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Email technical@tygrisindustrial.com**Further information obtainable from:** Technical Department**1.4 Emergency telephone number:** Tel +44 (0) 1294 311 066

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Aerosol
Colour:	Grey
Odour:	Characteristic
Solubility:	Insoluble in water
Flammability limits:	Lower: 0.8 % Upper: 9.0 %

9.2. Other information

Volatile organic compound (VOC):	595 g/litre
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10. Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability:	Stable under normal temperature conditions.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid:	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
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10.5. Incompatible materials

10.6. Hazardous decomposition products

Fire creates:	Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).
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11. Toxicological information

11.1. Information on toxicological effects

Skin contact:	Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
Eye contact:	Irritating to eyes. May cause chemical eye burns.
Inhalation:	May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.
Ingestion:	May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
Route of entry:	Inhalation. Skin and/or eye contact.

12. Ecological information

12.1. Toxicity

Ecotoxicity: Dangerous for the environment if discharged into watercourses.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

13. Disposal considerations

13.1. Waste treatment methods

General information: Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

14. Transport information

UN Number (ADR): 1950

UN Number (IMDG): 1950

UN Number (IATA): 1950

14.2 UN proper shipping name

Proper shipping name: AEROSOLS

14.3. Transport hazard class(es)

ADR/RID/ADN Class: 2, Class 2: Gases

ADR Label No. 2.1

IMDG Class: 2.1

ICAO Class/Division: 2.1

Transport labels:



14.4. Packing group

Packing group: Not applicable.

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

EmS: F-D, S-U

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

15. Regulatory information

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

Statutory Instruments:	The Aerosol Dispensers (Amendment) Regulations 2014 No.1130.
Guidance Notes:	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.
EU Legislation:	The Aerosol Dispensers Directive 1975/324 EEC. Regulation (EC) No.1272/2008: The Classification, Labelling and Packaging of substances and mixtures Regulations. Regulation (EC) No. 1907/2006: The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (REACH). 2001/95/EC The General Product Safety Directive (GPSD). Commission Regulation (EU) 2015/830: Requirements for the compilation of safety data sheets (amending REACH). Authorisations (Title VII Regulation 1907/2006): No specific authorisations are noted for this product. Restrictions (Title VIII Regulation 1907/2006): No specific restrictions of use are noted for this product.

15.2. Safety, health and environmental regulations/legislation specific for the substance or mixture

16. Other information

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.
Phrases used in s.2 and s.3:	EUH066: Repeated exposure may cause skin dryness or cracking. H220: Extremely flammable gas. H222: Extremely flammable aerosol. H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H373: May cause damage to organs <<Organs>> through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.
Legal disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.