

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name:** Galvit Aerosol

**Other identification:**

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

Zinc galvanising paint

### 1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: [service@swantek.com](mailto:service@swantek.com) Web: [www.swantek.com](http://www.swantek.com)

### 1.4 Emergency telephone number

As per section 1.3

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

Aerosol 1 - H222, H229

Acute Tox. 4 - H332 Skin Irrit. 2 - H315

Aquatic Chronic 2 - H411

Full text of H-phrases: see section 16

### 2.2 Label elements

**Hazard pictograms:** CLP 02 Flammable  
CLP 07 Exclamation  
CLP 09 Environment  
(none)



**Signal word:** Danger

**Hazard statements:** H222 Extremely flammable aerosol  
H229 Pressurised container: may burst if heated  
H315 Causes skin irritation  
H332 Harmful if inhaled  
H411 Toxic to aquatic life with long lasting effects

**Precautionary statements:** P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing vapour/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents/container in accordance with national regulations.

**Other label elements:** Contains: xylene-ortho

### 2.3 Other hazards

PRESSURISED CONTAINER - increase in temperature to greater than 50°C will cause internal pressure to rise potentially causing bursting/explosion.

## Section 3: Composition / information on ingredients

### 3.1 Substances

### 3.2 Mixtures

BUTANE

CAS number: 106-97-8, EC number: 203-448-7

30-60%  
Flam. Gas 1 - H220  
Press. Gas, Liquefied - H280

XYLENE-ortho  
CAS number: 95-47-6, EC number: 202-422-2  
30-60%  
Flam. Liq. 3 - H226  
Skin Irrit. 2 - H315  
Acute Tox. 4 - H312  
Acute Tox. 4 - H332

ZINC DUST  
CAS number: 7440-66-6, EC number: 231-175-3  
10-30%  
M factor (Acute) = 1  
M factor (Chronic) = 1  
Aquatic Acute 1 - H400  
Aquatic Chronic 1 - H410

Full text of H-phrases: see section 16

## Section 4: First aid measures

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

**General:** Treat symptomatically.

**Inhalation:** Move affected person to fresh air at once. Keep affected person warm and at rest. For breathing difficulties oxygen may be necessary. Get medical attention immediately.

**Ingestion:** Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

**Skin:** Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye:** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**General:** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation:** Vapours in high concentrations are anaesthetic. Central nervous system depression. Fatigue. Headache. Dizziness.

**Ingestion:** Causes chemical burns to mouth, throat and stomach. May cause stomach pain or vomiting.

**Skin:** No specific symptoms known.

**Eye:** Irritation of eyes and mucous membranes.

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

Treat symptomatically.

## Section 5: Firefighting measures

### **5.1 Extinguishing media**

Dry chemicals, sand, dolomite etc. Powder. Water spray, fog or mist.

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

Containers can burst violently or explode when heated, due to excessive pressure build-up.

### **5.3 Advice for firefighters**

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## Section 6: Accidental release measures

### **6.1 Personal precautions, protective equipment and emergency procedures**

For personal protection, see Section 8.

### **6.2 Environmental precautions**

Any spillage needs to be contained and not allowed to enter water courses

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

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. If leakage cannot be stopped, evacuate area. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

### **6.4 Reference to other sections**

See sections 8 and 13.

## **Section 7: Handling and storage**

### **7.1 Precautions for safe handling**

Keep away from heat, sparks and open flame. Use approved respirator if air contamination is above an acceptable level. Avoid spilling. Provide adequate ventilation. Avoid inhalation of vapours. Avoid contact with skin and eyes.

### **7.2 Conditions for safe storage, including any incompatibilities**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

### **7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2. See product label for detailed usage and instructions.

## **Section 8: Exposure controls / personal protection**

### **8.1 Control parameters**

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

### **8.2 Exposure controls**

Appropriate engineering controls: Provide adequate general and local exhaust ventilation.

Eye/face protection: The following protection should be worn: Chemical splash goggles.

Hand protection: Wear protective gloves made of the following material: Nitrile rubber.

Other skin and body protection: General workwear only

Hygiene measures: Do not smoke in work area

## **Section 9: Physical and chemical properties**

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

Appearance	Aerosol
Flash point	-74°C
Upper/lower flammability or explosive limits	1.8
Auto-ignition temperature	+405°C

### **9.2 Other information**

Information given relates to total aerosol container contents.

## **Section 10: Stability and reactivity**

### **10.1 Reactivity**

May react with other cleaning chemicals. For specific reactions refer to Section 10.5

### **10.2 Chemical stability**

Stable at normal ambient temperatures.

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

No further information available.

### **10.4 Conditions to avoid**

Avoid heat, flames and other sources of ignition. Increase in temperature to greater than 50 degrees will cause rise in internal pressure with likelihood of bursting/explosion.

### **10.5 Incompatible materials**

No further information available.

### **10.6 Hazardous decomposition products**

Fire creates: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.

Acute toxicity - dermal

ATE dermal (mg/kg): 3573.62379748

Acute toxicity - inhalation

ATE inhalation (gases ppm): 14619.37008058

ATE inhalation (vapours mg/l): 35.73623797

ATE inhalation (dusts/mists mg/l): 4.87312336

Inhalation: Harmful by inhalation.

Ingestion: May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.

Skin contact: Harmful in contact with skin.

Eye contact: Irritation of eyes and mucous membranes.

## Section 12: Ecological information

### 12.1 Toxicity

Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. Aquatic toxicity has not been carried out on this product. Data for raw materials contained in this product, when available, can be provided when necessary.

### 12.2 Persistence and degradability

The product is biodegradable.

### 12.3 Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

### 12.4 Mobility in soil

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### 12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6 Other adverse effects

None known.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## Section 14: Transport information

### General

#### 14.1 UN Number

UN No. (ADR/IMDG/ICAO): 1950

#### 14.2 UN proper shipping name

Proper shipping name (ADR/IMDG/ICAO): AEROSOLS, FLAMMABLE

#### 14.3 Transport hazard class(es)

ADR/RID class: 2; Class Code: 5F; Label: 2.1

IMDG class: 2.1

ICAO class/division: 2.1

#### 14.4 Packing group

Not applicable.

#### **14.5 Environmental hazards**

No further information available.

#### **14.6 Special precautions for user**

Tunnel restriction code: (D)

#### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

Not applicable.

### **Section 15: Regulatory information**

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

National regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU legislation

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. Approved Classification and Labelling Guide (Sixth edition) L131. CHIP for everyone HSG228.

#### **15.2 Chemical safety assessment**

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture.

### **Section 16: Other information**

Full text of H- and EUH-phrases:

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H226 Flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H332 Harmful if inhaled.

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.

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.