

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** WELD SPATTER RELEASE SOLVEN BASED**Article number:** R221**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC25: Metal working fluids.**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:** TYGRIS Industrial  
Unit 31  
Kyle Road Industrial Estate  
Irvine  
Ayshire  
KA12 8LE  
Tel +44 (0) 1294 311 066  
Fax +44 (0) 1294 277 115  
Email [technical@tygrisindustrial.com](mailto:technical@tygrisindustrial.com)**Further information  
obtainable from:**

Technical Department

**1.4 Emergency telephone  
number:**

Tel +44 (0) 1294 311 066

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**Classification under CLP:** Carc. 2: H351; -: H229

**Most important adverse effects:** Pressurised container: May burst if heated. Suspected of causing cancer.

##### 2.2. Label elements

**Hazard statements:** H229: Pressurised container: May burst if heated.  
H351: Suspected of causing cancer.

**Hazard pictograms:** GHS08: Health hazard



**Signal word:** Warning

**Precautionary statements:** P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P281: Use personal protective equipment as required.  
P308+313: If exposed or concerned: Get medical attention.  
P405: Store locked up.  
P501: Dispose of contents/container to hazardous or special waste collection point.

##### 2.3. Other hazards

**Other hazards:** Danger of serious damage to health by prolonged exposure.

**PBT:** This product is not identified as a PBT/vPvB substance.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

##### Hazardous ingredients:

DICHLOROMETHANE

| EINECS    | CAS     | PBT / WEL | CLP Classification | Percent |
|-----------|---------|-----------|--------------------|---------|
| 200-838-9 | 75-09-2 | -         | Carc. 2: H351      | 70-90%  |

**SECTION 4: First aid measures****4.1. Description of first aid measures**

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.  
Bathe the eye with running water for 15 minutes. Consult a doctor.
- Eye contact:** Do not induce vomiting. Consult a doctor.
- Ingestion:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.
- Inhalation:**

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

- Skin contact:** There may be mild irritation at the site of contact.
- Eye contact:** There may be irritation and redness.
- Ingestion:** There may be irritation of the throat.
- Inhalation:** No symptoms.
- Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

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

- Immediate / special treatment:** Not applicable.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

- Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

- Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**SECTION 6: Accidental release measures**
**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Evacuate the area immediately.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

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

**Clean-up procedures:** Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**SECTION 7: Handling and storage**
**7.1 Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

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

**Specific end use(s):** No data available.

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Hazardous ingredients:**

DICHLOROMETHANE

**Workplace exposure limits:**
**Respirable dust:**

| State | 8 hour TWA            | 15 min. STEL           | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|------------------------|------------|--------------|
| UK    | 350 mg/m <sup>3</sup> | 1060 mg/m <sup>3</sup> | -          | -            |

**DNEL/PNEC Values**

**DNEL / PNEC:** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory equipment:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                      |                       |
|----------------------|-----------------------|
| State:               | Aerosol               |
| Colour:              | Colourless            |
| Odour:               | Characteristic odour  |
| Solubility in water: | Not miscible          |
| Also soluble in:     | Most organic solvents |
| Flash point°C:       | >93                   |
| Relative density:    | 1.22                  |

**9.2. Other information**

Other information: No data available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

**10.2. Chemical stability** Stable under recommended transport or storage conditions.

**Chemical stability:**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Hot surfaces. Flames.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**SECTION 11: Toxicological Information**
**11.1. Information on toxicological effects**
**Hazardous ingredients:**

DICHLOROMETHANE

|         |     |         |       |       |
|---------|-----|---------|-------|-------|
| DERMAL  | RAT | LD50    | >2000 | mg/kg |
| ORAL    | RAT | LD50    | >2000 | mg/kg |
| VAPOURS | RAT | 4H LC50 | 86    | mg/l  |

**Relevant hazards for product:**

| Hazard          | Route | Basis                 |
|-----------------|-------|-----------------------|
| Carcinogenicity | -     | Hazardous: calculated |

**Symptoms / routes of exposure**

- Skin contact:** There may be mild irritation at the site of contact.
- Eye contact:** There may be irritation and redness.
- Ingestion:** There may be irritation of the throat.
- Inhalation:** No symptoms.
- Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

**SECTION 12: Ecological information**
**12.1. Toxicity**
**Hazardous ingredients:**

DICHLOROMETHANE

|               |          |     |      |
|---------------|----------|-----|------|
| Daphnia magna | 48H EC50 | 27  | mg/l |
| FISH          | 96H LC50 | 193 | mg/l |

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**SECTION 13: Disposal Considerations****13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**SECTION 14: Transport information****14.1. UN number**

**UN number:** UN1950

**14.2. UN proper shipping name**

**Shipping name:** AEROSOLS

**14.3. Transport hazard class(es)**

**Transport class:** 2

**14.4. Packing group****14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** Not applicable.

**15.2. Chemical safety assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**SECTION 16: Other information**

|                                     |  |
|-------------------------------------|--|
| <b>Other information:</b>           | This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.  |
| <b>Phrases used in s.2 and s.3:</b> | H229: Pressurised container: May burst if heated.<br>H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.   |
| <b>Legal disclaimer:</b>            | 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. |