

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

Exposure hazards:	In combustion emits toxic fumes.
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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.
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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 ³	1060 mg/m ³	-	-

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

10.2. Chemical stability	Stable under recommended transport or storage conditions.
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Chemical stability:	Stable under normal conditions.
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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.
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10.4. Conditions to avoid

Conditions to avoid:	Heat. Hot surfaces. Flames.
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10.5. Incompatible materials

Materials to avoid:	Strong oxidising agents. Strong acids.
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10.6. Hazardous decomposition products

Haz. decomp. products:	In combustion emits toxic fumes.
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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.
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12.3. Bioaccumulative potential

Bioaccumulative potential:	No bioaccumulation potential.
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12.4. Mobility in soil

Mobility:	Readily absorbed into soil.
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12.5. Results of PBT and vPvB assessment

PBT identification:	This product is not identified as a PBT/vPvB substance.
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12.6. Other adverse effects

Other adverse effects:	Negligible ecotoxicity.
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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

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:	H229: Pressurised container: May burst if heated. H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
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.