

Material Safety Data Sheet



1. Identification of the Substance/Preparation and the Company/Undertaking

1.1. Product identifier

Substance or preparation trade name: PROTECT Anti Spatter Spray
Unique reference numbers(s): WR4075

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

Identified use: Pre-weld preparation of material to prevent spatter adhesion during MIG/MAG welding

1.3. Details of the supplier of the safety data sheet

Company/undertaking name & address: Parweld Ltd, Long Bank, Bewdley, Worcs, UK
ABN: 95 000 029 729
Telephone number: +00 44 1299 266800
Emergency telephone number: +00 44 1299 266800

1.4. Emergency telephone number

Emergency tel: +00 44 1299 266800 (office hours only)

2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP

Classification under CLP: This product has no classification under CLP

2.2. Label elements



H319 Eye Irrit. 2

Precautionary statements: P280: Wear protective gloves/eye protection.



2.3. Other hazards

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

3. Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

	Conc.	CAS	EINECS	Reach
GLYCEROL	10-30%	56-81-5	200-289-5	
2-(2-BUTOXYETHOXY) ETHANOL	0 - 2%	112-34-5	203-961-60	1-2119475104-44
DIDECYLDIMETHYLAMMONIUM CHLORIDE	<1%	7173-51-52	30-525-2	01-2119945987-15

4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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: Immediate effects can be expected after short-term exposure

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

Immediate / special treatment: Not applicable.

5: Fire-fighting 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

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. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method

6.4. Reference to other sections

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

7. Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in 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.

8. Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

Workplace exposure limits:		Respirable dust		
GLYCERINE				
	8 hour WEL	15 min. STEL	8 hour TWA	15 min. STEL
UK/EU	10mg/m ³	-	-	-
2-(2-BUTOXYETHOXY)ETHANOL				
UK	67.5 mg/m ³	101.2 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 protection: Respiratory protection not required.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pink

Odour: Barely perceptible odour

Evaporation rate: Slow

Oxidising: No data available.

Solubility in water: Highly soluble

Boiling point/range°C: 100

Flammability limits %: lower: No data available.

Flash point°C: >93

Autoflammability°C: No data available.

Relative density: 1.05

VOC g/l: No data available

Melting point/range°C: 0

upper: No data available.

Part.coeff. n-octanol/water: No data.

Vapour pressure: No data available.

pH: 10.5

9.2. Other information

Other information: Not applicable.

10. Stability and reactivity

10.1. Reactivity.

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

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.

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.

11. Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

GLYCERINE				
ORAL	RAT	LD50	23000	mg/kg
2-(2-BUTOXYETHOXY)ETHANOL				
ORAL	MUS	LD50	6050	mg/kg
ORAL	RAT	LD50	4500	mg/kg
DIDECYLDIMETHYLAMMONIUM CHLORIDE 50				
ORAL	MUS	LD50	268	mg/kg

Toxicity values: No data available

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: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

12. Ecological information

12.1. Toxicity

Hazardous ingredients:

DIDECYLDIMETHYLAMMONIUM CHLORIDE 50			
DAPHNIA	48H EC50	0.06	mg/l
GREEN ALGA (Selenastrum capricornutum)	48H EC50	0.12	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	0.97	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.

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

14. Transport information

Transport class: This product does not require a classification for transport.

Further information The product is not classified as dangerous for carriage.

15. Regulatory information

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

15.2. Chemical Safety Assessment

16. Other Information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH210: Safety data sheet available on request.

H302: Harmful if swallowed.

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H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

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.