

SAFETY DATA SHEET

Weld Antispatter

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Weld Antispatter For Stock No. 05709 WELDING ANTI SPATTER SPRAY

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

Identified uses Releasing agent. PC14 Metal surface treatment products

1.3. Details of the supplier of the safety data sheet

Supplier

Draper Tools Ltd
Hursley Road
Chandlers Ford
Eastleigh
Hampshire
SO53 1YF

1.4. Emergency telephone number

Emergency telephone Draper Helpline +44 (0) 2380 494344 Opening hours 8:30-17:00 Monday – Friday.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

Human health

Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Environmental

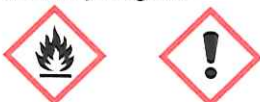
This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment

Physicochemical

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

2.2. Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H319 Causes serious eye irritation.

Weld Antispatter

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| Precautionary statements | <p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P260 Do not breathe vapour/ spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p> |
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2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | |
|--|--------------------------------|--|
| DIMETHYL ETHER | | 30-60% |
| CAS number: 115-10-6 | EC number: 204-065-8 | REACH registration number: 01-2119472128-37-XXXX |
| Classification | | |
| Flam. Gas 1 - H220 | | |
| Alcohol ethoxylate | | 1-5% |
| CAS number: 68439-46-3 | REACH registration number: N/A | |
| Classification | | |
| Acute Tox. 4 - H302 Eye Dam. 1 - H318 | | |
| Thiourea | | <1% |
| CAS number: 62-56-6 | EC number: 200-543-5 | |
| Classification | | |
| Acute Tox. 4 - H302 Carc. 2 - H351 Repr. 2 - H361d Aquatic Chronic 2 - H411 | | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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| General information | Move affected person to fresh air at once. |
| Inhalation | If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately. |
| Ingestion | Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. |

Weld Antispatter

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

7.2. Conditions for safe storage, including any incompatibilities

Weld Antispatter

Storage precautions Extremely flammable. Keep away from heat, sparks and open flame. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments WEL = Workplace Exposure Limits

DIMETHYL ETHER (CAS: 115-10-6)

DNEL Workers - Inhalation; Long term systemic effects: 1894 mg/m³
Consumer - Inhalation; Long term systemic effects: 471 mg/m³

PNEC

- Fresh water; 0.155 mg/l
- marine water; 0.016 mg/l
- Water, Intermittent release; 1.549 mg/l
- Water, STP; 160 mg/l
- Sediment (Freshwater); 0.681 mg/l
- Sediment (Marinewater); 0.069 mg/l
- Soil; 0.045 mg/l

2-PHENOXYETHANOL (CAS: 122-99-6)

DNEL

- Workers - Dermal; Long term systemic effects: 34.72 mg/kg/day
- Workers - Inhalation; Long term systemic effects: 8.07 mg/m³
- Workers - Inhalation; Long term local effects: 8.07 mg/m³
- Consumer - Oral; Short term systemic effects: 17.43 mg/kg/day
- Workers - Inhalation; Long term local effects: 8.07 mg/m³
- Consumer - Dermal; Long term systemic effects: 20.83 mg/kg/day
- Consumer - Inhalation; Long term systemic effects: 2.5 mg/m³
- Consumer - Oral; Long term systemic effects: 17.43 mg/kg/day
- Consumer - Inhalation; Long term local effects: 2.5 mg/m³

PNEC

- Fresh water; 0.943 mg/l
- Water, Intermittent release; 3.44 mg/l
- marine water; 0.094 mg/l
- STP; 24.8 mg/l
- Sediment (Freshwater); 7.2366 mg/kg
- Sediment (Marinewater); 0.7237 mg/kg
- Soil; 1.26 mg/kg

8.2. Exposure controls

Appropriate engineering controls Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Personal protection When using do not smoke.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Weld Antispatter

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| Hand protection | Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. |
| Hygiene measures | Wash hands after handling. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. |
| Respiratory protection | If ventilation is inadequate, suitable respiratory protection must be worn. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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| Appearance | Aerosol. |
| Colour | Off-white. |
| Odour | Organic solvents. |
| Melting point | -141.5 at 1013 hPa °C |
| Initial boiling point and range | -24.8°C @ 1013 hPa |
| Flash point | <-41°C |
| Upper/lower flammability or explosive limits | Lower flammable/explosive limit: 3.3% Upper flammable/explosive limit: 26.2% |
| Vapour pressure | 5132.9 hPa @ °C |
| Solubility(ies) | 45.6 g/l water @ 25°C |
| Partition coefficient | Pow: 0.07 |
| Auto-ignition temperature | 350°C |
| Comments | Information given is applicable to the major ingredient. |

9.2. Other information

| | |
|----------------------------------|---|
| Other information | Not available. |
| Molecular weight | 46.07 g/mol |
| Volatile organic compound | This product contains a maximum VOC content of 452 g/l. |

SECTION 10: Stability and reactivity

10.1. Reactivity

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|-------------------|---|
| Reactivity | Stable at normal ambient temperatures and when used as recommended. |
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10.2. Chemical stability

| | |
|------------------|---|
| Stability | Avoid the following conditions: Heat, sparks, flames. |
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10.3. Possibility of hazardous reactions

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| Possibility of hazardous reactions | Does not decompose when used and stored as recommended. |
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10.4. Conditions to avoid

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|----------------------------|--|
| Conditions to avoid | Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight. |
|----------------------------|--|

Weld Antispatter

10.5. Incompatible materials

Materials to avoid Keep away from oxidising materials, heat and flames.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 75,414.78

General information Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Inhalation In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

Skin contact Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Route of exposure Inhalation

Target organs Central nervous system Respiratory system, lungs

Medical symptoms Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.

SECTION 12: Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Not available.

12.2. Persistence and degradability

Persistence and degradability Not available.

12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

Partition coefficient Pow: 0.07

12.4. Mobility in soil

Mobility Not known.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not available.

Weld Antispatter

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not puncture or incinerate, even when empty.

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

SECTION 14: Transport information

14.1. UN number

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|------------------|------|
| UN No. (ADR/RID) | 1950 |
| UN No. (IMDG) | 1950 |
| UN No. (ICAO) | 1950 |
| UN No. (ADN) | 1950 |

14.2. UN proper shipping name

| | |
|--------------------------------|----------|
| Proper shipping name (ADR/RID) | AEROSOLS |
| Proper shipping name (IMDG) | AEROSOLS |
| Proper shipping name (ICAO) | AEROSOLS |
| Proper shipping name (ADN) | AEROSOLS |

14.3. Transport hazard class(es)

| | |
|-----------------------------|-----|
| ADR/RID class | 2.1 |
| ADR/RID classification code | 5F |
| ADR/RID label | 2.1 |
| IMDG class | 2.1 |
| ICAO class/division | 2.1 |
| ADN class | 2.1 |

Transport labels



14.4. Packing group

| | |
|-----------------------|------|
| ADR/RID packing group | None |
| IMDG packing group | None |
| ICAO packing group | None |
| ADN packing group | None |

14.5. Environmental hazards

Weld Antispatter

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS F-D, S-U
ADR transport category 2
Tunnel restriction code (D)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

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|-----------------------------|--|
| National regulations | EH40/2005 Workplace exposure limits. The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. |
| EU legislation | Commission Regulation (EU) No 453/2010 of 20 May 2010. |
| Guidance | Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999 |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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|----------------------------------|---|
| Revision comments | Revised formulation. Revised classification. |
| Revision date | 01/11/2019 |
| Revision | 2 |
| SDS number | 21183 |
| SDS status | Approved. |
| Hazard statements in full | H220 Extremely flammable gas. H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation. H351 Suspected of causing cancer. H361d Suspected of damaging the unborn child. H411 Toxic to aquatic life with long lasting effects. |

Weld Antispatter

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.