



Flaw Detector Cleaner Spray  
**SAFETY DATA SHEET**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

**1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

Product Name	Flaw Detector Cleaner Spray.
Trade Name	Flaw Detector Cleaner Spray.
Order Code	SOL-732-0240K
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.

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

Identified use(s)	Surface Coating, Solvent. For professional users only.
Uses advised against	

**1.3 Details of the supplier of the Safety Data Sheet**

Company Identification	<b>Supplier</b> Solent, Wigston, Leicester, England. LE18 2FS.
Telephone	+44 (0) 116 288 8000
Fax	+44 (0) 116 288 8222
E-Mail (competent person)	

<b>Manufacturer</b>	Action Can Ltd., Dixon Close, Old Boston Trading Estate, Haydock, St. Helens, Merseyside. WA11 9SF. 00 44 (0) 1942 713667 00 44 (0) 1942 716235 info@actioncan.com
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**1.4 Emergency telephone number**

Emergency Phone No.	00 44 (0) 01942 713667 (Mon - Fri: 9am to 5pm)
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**2. SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)**

Aerosol 1; Extremely flammable aerosol.  
Pressurised container: May burst if heated.  
Skin Irrit. 2; Causes skin irritation.  
STOT SE 3; May cause drowsiness or dizziness.  
Aquatic Chronic 2; Toxic to aquatic life with long lasting effects.

**2.2 Label elements**

Product Name	According to Regulation (EC) No. 1272/2008 (CLP) Solent Weld Flaw Cleaner.
Hazard Pictogram(s)	  



GHS02

GHS07

GHS09

Signal Word(s)	Danger.
Hazard Statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H315: Causes skin irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.



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Precautionary Statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261: Avoid breathing spray. P280: Wear protective gloves. P302+P352: IF ON SKIN: Wash with plenty of water/Soap P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P273: Avoid release to the environment.
Additional Information	Keep out of reach of children. Do not spray on a naked flame or any incandescent material. Do not pierce or burn, even after use. Protect from sunlight and do not expose to temperatures exceeding 50 °C/ 122 °F.
<b>2.3 Other hazards</b>	None.
<b>2.4 Additional Information</b>	For full text of H/P statements see section 16.

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

#### 3.1 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Dimethyl ether	50 - 100	115-10-6	204-065-8	01-2119472128-37-0000	GHS02, Flam. Gas 1; H220, GHS04, Press Gas: Liquefied gas; H280
Alkanes, C7-10-iso-	25 - 50	90622-56-3	292-458-5	None assigned	GHS02, Flam. Liq. 2; H225, GHS07, Skin Irrit. 2; H315, STOT SE 3; H336, GHS08, Asp. Tox. 1; H304, GHS09, Aquatic Chronic 2; H411

#### 3.2 Additional Information

For full text of H/P statements see section 16.

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact

IF ON SKIN: Wash with plenty of water/Soap. If skin irritation occurs, get medical advice/attention.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open.

Ingestion

Unlikely route of exposure.

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

May cause irritation: Skin.

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

May cause drowsiness or dizziness.

Unlikely to be required but if necessary treat symptomatically.



## Flaw Detector Cleaner Spray

### 5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurised container: May burst if heated.

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| <b>5.1 Extinguishing Media</b><br>Suitable Extinguishing Media<br>Unsuitable Extinguishing Media | Extinguish with carbon dioxide, dry chemical, foam or waterspray.<br>Do not use water jet.   |
| <b>5.2 Special hazards arising from the substance or mixture</b>                                 | Heating may cause pressure rise with risk of bursting.<br>This product may give rise to hazardous fumes in a fire.   |
| <b>5.3 Advice for fire-fighters</b>  | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep fire exposed containers cool by spraying with water. |

### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

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| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> | Eliminate sources of ignition. Avoid breathing spray. Wear protective gloves. Wash hands thoroughly after handling.  |
| <b>6.2 Environmental precautions</b>   | Avoid release to the environment.  |
| <b>6.3 Methods and material for containment and cleaning up</b>                | Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery. Containers must not be punctured or destroyed by burning, even when empty. |
| <b>6.4 Reference to other sections</b>   | See Also Section: 8, 13.   |

### 7. SECTION 7: HANDLING AND STORAGE

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| <b>7.1 Precautions for safe handling</b>   | Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing spray. Wear protective gloves. Wash hands thoroughly after handling. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b><br>Storage Temperature<br>Storage Life<br>Incompatible materials | Store in a well-ventilated place. Keep container tightly closed.<br><br>Do not expose to temperatures exceeding 50°C/ 122°F.<br>Stable under normal conditions.<br>None known.   |
| <b>7.3 Specific end use(s)</b>   | Surface Coating, Solvent. For professional users only.   |

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### 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### 8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Dimethyl ether	115-10-6	400	766	500	958	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

##### 8.1.2 Biological limit value

Not established.

##### 8.1.3 PNECs and DNELs

Not established.

#### 8.2 Exposure controls

##### 8.2.1 Appropriate engineering controls

Provide adequate ventilation.

##### 8.2.2 Personal protection equipment

Eye/face protection

Not normally required.



Skin protection (Hand protection/ Other)

Wear protective gloves.



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards

Not applicable.

##### 8.2.3 Environmental Exposure Controls

Avoid release to the environment.

### 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Aerosol.
Colour	Colourless.
Odour	Characteristic.
Odour Threshold	Not available.
pH	Not applicable.
Melting Point/Freezing Point	Not applicable.
Initial boiling point and boiling range	- 24 °C
Flash Point	- 42 °C
Evaporation rate	Not applicable.
Flammability (solid, gas)	Extremely flammable.
Upper/lower flammability or explosive limits	3.0 – 18.6 Vol-%
Vapour pressure	5200hPa @ 20 °C
Vapour density	Not determined.
Relative density	Not determined.
Solubility(ies)	Immiscible with water.



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Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	The product is not self-igniting.
Ignition temperature	235 °C
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	
Organic solvents	70%

### 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reaction known if used for its intended purpose.
<b>10.4 Conditions to avoid</b>	Heat and direct sunlight
<b>10.5 Incompatible materials</b>	None known.
<b>10.6 Hazardous Decomposition Product(s)</b>	No hazardous decomposition products known.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>11.1.1 Mixtures</b>	
Acute toxicity	
Inhalation	May cause drowsiness or dizziness.
Irritation	Causes skin irritation.
Corrosivity	Not classified.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.
<b>11.2 Other information</b>	None.

### 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Toxic to aquatic life with long lasting effects.
<b>12.2 Persistence and degradability</b>	Readily biodegradable. Unlikely to persist.
<b>12.3 Bioaccumulative potential</b>	The product has low potential for bioaccumulation.
<b>12.4 Mobility in soil</b>	Immiscible with water. The product is predicted to have low mobility in soil.
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Other adverse effects</b>	None known.

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility.
<b>13.2 Additional Information</b>	Disposal should be in accordance with local, state or national legislation.



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### 14. SECTION 14: TRANSPORT INFORMATION

14.1	<b>UN number</b>	UN 1950
14.2	<b>UN Proper Shipping Name</b>	
	ADR/RID/IMDG	AEROSOLS.
	ICAO/IATA	AEROSOLS, Flammable.
14.3	<b>Transport hazard class(es)</b>	
	ADR/RID	2
	IMDG/ ICAO/IATA	2.1
14.4	<b>Packing Group</b>	None.
14.5	<b>Environmental hazards</b>	Classified as a Marine Pollutant.
14.6	<b>Special precautions for user</b>	None.
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
14.8	<b>Additional Information</b>	
14.8.1	IMDG Code	EmS: F-D, S-U
14.8.2	Tunnel Restriction Code	D

### 15. SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
15.1.1	<b>EU regulations</b>	
	Authorisations and/or restrictions on use	
	Candidate List of Substances of Very High Concern for Authorisation	All chemicals are not listed.
	REACH: ANNEX XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	All chemicals are not listed.
	REACH: ANNEX XIV List of substances subject to authorisation	All chemicals are not listed.
	Community Rolling Action Plan (CoRAP)	All chemicals are not listed.
15.1.2	<b>National regulations</b>	None known.
	Wassergefährdungsklasse (Germany)	Dimethyl ether: WGK 1 (slightly hazardous to water).
15.2	<b>Chemical Safety Assessment</b>	Not available.

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

#### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
ADN	European transport by inland waterways
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
ICAO	International transport by air
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
RID	European transport by rail



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WGK	Wassergefährdungsklasse
Aerosol 1	Aerosol Category 1
Asp. Tox. 1	Aspiration hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment Chronic Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity — single exposure Category 3
Flam. Gas 1	Flammable gas Category 1
Flam. Liq. 2	Flammable liquid Category 2
Press. Gas	Gases under pressure

### Hazard Statement(s) and Precautionary Statement(s)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P312	Call a POISON CENTER/doctor if you feel unwell.
P391	Collect spillage.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

### Hazard Pictogram(s)

GHS02



GHS04



GHS07



GHS08



GHS09





## Flaw Detector Cleaner Spray

### **Disclaimers**

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose.

We give no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. We accept no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

### **Annex to the extended Safety Data Sheet (eSDS)**

No information available.