






SP2-500B H/D ANTI-RUST PROTECTION 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	SP2-500B H/D ANTI-RUST PROTECTION SPRAY	
Trade Name	SP2-500B H/D ANTI-RUST PROTECTION SPRAY	
Order Code	SOL-732-0620K	
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)	Anti-rust coating for metal parts.	
Uses advised against	None known.	
1.3 Details of the supplier of the Safety Data Sheet		
Company Identification	Supplier Solent, Wigston, Leicester, England. LE18 2FS.	Manufacturer Action Can Ltd., Dixon Close, Old Boston Trading Estate, Haydock, St. Helens, Merseyside. WA11 9SF.
Telephone	+44 (0) 116 288 8000	01942 713667
Fax	+44 (0) 116 288 8222	01942 716235
E-Mail (competent person)		info@actioncan.com
1.4 Emergency telephone number		
Emergency Phone No.		01942 713667 (Mon - Fri: 9am to 5pm)

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		According to Regulation (EC) No. 1272/2008 (CLP) Solent Anti-Rust Heavy Duty Protection.
Product Name		
Hazard Pictogram(s)	  	
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.
Precautionary Statement(s)		P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211: Do not spray on an open flame or other ignition source.



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Additional Information

P251: Do not pierce or burn, even after use.
P261: Avoid breathing spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
Keep out of reach of children.
Do not spray on a naked flame or any incandescent material.
This product is aerosol packed and in a limited quantity as such it is unlikely to pose a significant spill or environmental hazard.

2.3 Other hazards

None.

2.4 Additional Information

For full text of H/P phrases 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)
Naphtha (petroleum), hydrotreated heavy	70 – 80	64742-48-9	265-150-3	01-2119486659-16-0000	GHS02, Flam. Liq. 3; H226, GHS07, Skin Irrit. 2; H315, STOT SE 3; H336, GHS08, Asp. Tox. 1; H304, GHS09, Aquatic Chronic 2; H411
Dimethyl ether	25 – 30	115-10-6	204-065-8	01-2119472128-37-0000	GHS02, Flam. Gas 1; H220, GHS04, Press Gas: Liquefied gas; H280
Paraffin waxes and Hydrocarbon waxes, oxidized calcium salts	20 – 30	68476-81-3	270-702-6	None assigned	None

3.2 Additional Information

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

4. SECTION 4: FIRST AID MEASURES





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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. Take off contaminated clothing and wash it before reuse. 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	None anticipated.
4.3 Indication of any immediate medical attention and special treatment needed	Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurised container: May burst if heated.

5.1 Extinguishing Media	
Suitable Extinguishing Media	Extinguish preferably with dry chemical, sand, foam or carbon dioxide.
Unsuitable Extinguishing Media	Do not use water jet.
5.2 Special hazards arising from the substance or mixture	Heating may cause pressure rise with risk of bursting. Decomposes in a fire giving off toxic fumes: Sulphur oxides, Carbon monoxide.
5.3 Advice for fire-fighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus. 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.

6.1 Personal precautions, protective equipment and emergency procedures	Eliminate sources of ignition. Avoid breathing spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.
6.2 Environmental precautions	Avoid release to the environment.
6.3 Methods and material for containment and cleaning up	Place leaking cans in a bucket or pail to minimise product contamination of surfaces. Leaked product will render floors very slippery. Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a lidded container for disposal or recovery.
6.4 Reference to other sections	See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling	Provide adequate ventilation. Avoid breathing spray. 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. Do not let the can touch battery terminals, electrical connectors or any source of electricity. Wear protective gloves/protective clothing/eye
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7.2	Conditions for safe storage, including any incompatibilities	protection/face protection. Wash hands thoroughly after handling. Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Industrial product for supply to professional users. Locked storage does not apply to this product.
	Storage Temperature	Do not expose to temperatures exceeding 50°C/ 122°F.
	Storage Life	2 Year(s).
	Incompatible materials	Strong oxidising agents.
7.3	Specific end use(s)	Preservative coatings for metals.

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 ³)	STEL (ppm)	STEL (mg/m ³)	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. Wear suitable eye/face protection.



Skin protection (Hand protection/ Other)

Wear protective gloves. (Nitrile rubber, PVC, Butyl rubber).



Respiratory protection

Wear suitable respiratory protective equipment.



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

Light Green.

Odour

Hydrocarbon.

Odour Threshold

Not determined.

pH

Not determined.

Melting Point/Freezing Point

Not determined.

Initial boiling point and boiling range

>150 °C (bulk product before aerosol packing).

Flash Point

> 41 °C (bulk product before aerosol packing).

Evaporation rate

Not determined.



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Flammability (solid, gas)	Extremely flammable.
Upper/lower flammability or explosive limits	0.6 – 6.5 Vol-%
Vapour pressure	2 hPa @ 20°C
Vapour density	Not determined.
Relative density	0.9 kg/l (ASTM-D 1298)
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	< 3 log P
Auto-ignition temperature	> 230 °C (bulk product before aerosol packing).
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	Not oxidising.
9.2 Other information	
Benzene Content	< 0.1 %W/W
Toluene Content	< 3 %W/W

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reaction known if used for its intended purpose.
10.4 Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
10.5 Incompatible materials	None anticipated.
10.6 Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Mixtures	
Acute toxicity	
Oral	Naphtha (petroleum), hydrotreated heavy: LD50 (rat) > 5000 mg/kg.
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. No components are listed as a carcinogens or suspected carcinogens.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.
Aspiration hazard	None anticipated.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Toxic to aquatic life with long lasting effects.
12.2 Persistence and degradability	Readily biodegradable. Unlikely to persist.
12.3 Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4 Mobility in soil	Insoluble in water. The product is predicted to have low mobility in soil.
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	WGK class 2 (official).



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13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	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.
13.2	Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1	UN number	UN 1950
14.2	UN Proper Shipping Name	AEROSOLS.
14.3	Transport hazard class(es)	2.1
14.4	Packing Group	N/A
14.5	Environmental hazards	Classified as a Marine Pollutant.
14.6	Special precautions for user	None.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations	
	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); Draft: 26/03/2014	All chemicals are not listed.
15.1.2	National regulations	None known.
15.2	Chemical Safety Assessment	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
WGK	Wassergefährdungsklasse (German Water Hazard Classes)
Aerosol 1	Aerosol Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity — single exposure Category 3
Aquatic Chronic 2	Hazardous to the aquatic environment Category 2
Flam. Gas 1	Flammable gas Category 1
Flam. Liq. 3	Flammable liquid Category 3



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Asp. Tox. 1 Aspiration hazard Category 1
Press. Gas Gases under pressure

Hazard Statement(s) and Precautionary Statement(s)

H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
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.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P312	Call a POISON CENTER/doctor if you feel unwell.
P391	Collect spillage.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.

Hazard Pictogram(s)

GHS02



GHS04



GHS07



GHS08



GHS09



Disclaimers



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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.