



Water Based Anti Spatter


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	Water Based Anti Spatter.
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)	For use as an anti-spatter/spatter release in the welding process.
Uses advised against	None known.
1.3 Details of the supplier of the Safety Data Sheet	
Company Identification	Johnson and Allen Ltd Neocol Works Smithfield Sheffield S3 7AR.
Telephone	0114 2738066.
Fax	0114 2729842.
E-Mail (competent person)	info@johnsonandallen.co.uk
1.4 Emergency telephone number	
Emergency Phone No.	0114 2738066. (UK office hours 08.30-17.00).

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Eye Dam. 1; Causes serious eye damage.
2.1.2 Directive 67/548/EEC & Directive 1999/45/EC	Xi; Risk of serious damage to eyes.
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) Water Based Anti Spatter.
Hazard Pictogram	
Signal word(s)	GHS05 Danger.
Hazard statement(s)	H318: Causes serious eye damage.
Precautionary statement(s)	P280: Wear protective gloves/eye protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER/doctor.
2.3 Other hazards	None.



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2.4 Additional Information

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

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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)
Water	80 - 100	7732-18-5	231-791-2	None assigned	None
Polyoxyethylene (7) tridecyl ether	10 - 20	78330-21-9	None	None assigned	GHS05, Acute Tox. 4; H302, GHS07, Eye Dam. 1; H318
2-aminoethanol	<1	141-43-5	205-483-3	01-2119486455-28-0000	GHS05, Acute Tox. 4; H302, H312, H332, GHS07, Skin Corr. 1B; H314

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Water	80 - 100	7732-18-5	231-791-2	None assigned	None
Polyoxyethylene (7) tridecyl ether	10 - 20	78330-21-9	None	None assigned	Xn; R22, Xi; R41
2-aminoethanol	<1	141-43-5	205-483-3	01-2119486455-28-0000	Xn; R20/21/22, C; R34

3.2 Additional Information

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

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash skin with soap and water. If symptoms persist, obtain medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Wash out mouth with water. If symptoms persist, obtain medical attention.

Ingestion

Wash out mouth with water. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.



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5. SECTION 5: FIRE-FIGHTING MEASURES

- | | | |
|--|--|--|
| 5.1 Extinguishing Media | Suitable Extinguishing Media
Unsuitable Extinguishing Media | As appropriate for surrounding fire.
None known. |
| 5.2 Special hazards arising from the substance or mixture | | Decomposes in a fire giving off toxic fumes: Oxides of carbon. |
| 5.3 Advice for fire-fighters | | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. |

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- | | | |
|--|--|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | | Ensure adequate ventilation. Avoid contact with eyes. Wear suitable protective clothing, gloves and eye/face protection. |
| 6.2 Environmental precautions | | Prevent liquid entering sewers, basements and any watercourses. |
| 6.3 Methods and material for containment and cleaning up | | Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. |
| 6.4 Reference to other sections | | See Also Section 8 and 13. |
| 6.5 Additional Information | | None. |

7. SECTION 7: HANDLING AND STORAGE

- | | | |
|---|---|---|
| 7.1 Precautions for safe handling | | Provide adequate ventilation. Avoid contact with eyes. Wear protective gloves/eye protection. Wash hands thoroughly after handling. |
| 7.2 Conditions for safe storage, including any incompatibilities | Storage Temperature
Storage Life
Incompatible materials | Ambient.
Stable under normal conditions.
Strong oxidising agents. |
| 7.3 Specific end use(s) | | For use as an anti-spatter/spatter release in the welding process. |

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
2-aminoethanol	141-43-5	1	2.5	3	7.6	Sk - Can be absorbed through skin.

Source: Workplace Exposure Limit (UK HSE EH40)

- | | |
|-------------------------------------|------------------|
| 8.1.2 Biological limit value | Not established. |
| 8.1.3 PNECs and DNELs | Not established. |



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8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 Personal protection equipment

Eye/face protection

Goggles giving complete protection to eyes.



Skin protection (Hand protection/ Other)

Wear suitable protective clothing and gloves.



Respiratory protection

Not normally required.



Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Prevent liquid entering sewers, basements and any watercourses.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Clear very pale green.

Odour

Slight detergent odour.

Odour Threshold (ppm)

Not established.

pH (Value)

Not available.

Melting Point (°C)

Not applicable.

Boiling Point (°C)

Not available.

Flash Point (°C)

Not applicable.

Evaporation rate

Not applicable.

Flammability

Non-flammable.

Explosive limit ranges

Not applicable.

Vapour Pressure (mm Hg)

Not available.

Vapour Density (Air=1)

Not available.

Solubility (Water)

Soluble.

Solubility (Other)

Not applicable.

Partition Coefficient (n-Octanol/water)

Not available.

Auto Ignition Temperature (°C)

Not applicable.

Decomposition Temperature (°C)

Not available.

Kinematic Viscosity

Not applicable.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2 Other information

None.



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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 reactions known if used for its intended purpose.
10.4	Conditions to avoid	None known.
10.5	Incompatible materials	Strong oxidising agents.
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	Low acute toxicity.
	skin corrosion/irritation	Not classified.
	Serious eye damage/irritation	Causes serious eye damage.
	Respiratory or skin sensitization	Not expected to be a skin or respiratory sensitiser.
	Repeated dose toxicity	None anticipated.
	Carcinogenicity	No evidence of carcinogenicity.
	Mutagenicity	There is no evidence of mutagenic potential.
	Reproductive toxicity	Not classified.
	Aspiration hazard	None anticipated.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	The product is biodegradable. Unlikely to persist.
12.3	Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4	Mobility in soil	Soluble in water. The product is predicted to have high mobility in soil.
12.5	Results of PBT and VPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	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

Not classified as dangerous for transport.

14.1	UN number	Not applicable.
14.2	Proper Shipping Name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing Group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
14.8	Additional Information	Not applicable.



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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
Acute Tox. 4	Acute toxicity Category 4
Eye Dam. 1	Serious eye damage/irritation Category 1
Skin Corr. 1B	Skin corrosion/irritation Category 1B
C	Corrosive
Xn	Harmful
Xi	Irritant

Risk Phrases

R22	Harmful if swallowed.
R34	Causes burns.
R41	Risk of serious damage to eyes.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.

Hazard statement(s)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Risk of serious damage to eyes.
H332	Harmful if inhaled.



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Hazard pictogram(s) and Hazard Symbol

GHS05



GHS07



Xn



Xi



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Annex to the extended Safety Data Sheet (eSDS)

No information available.