Section 1. Product and Company Identification.

1.1 Model Number; MIG/888808 v1

1.2 Description; Mild Steel MIG Wire 15kg 0.8mm A18 Grade

1.3 Manufacturer;

Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; August 2009

Section 2. Hazards Identification.

Not relevant to the Model Number identified in 1.1 with Description stated in 1.2.

Section 3. Substances.

3.1 Chemical Name (substance)	**3.1 CAS No.**	**3.2 Concentration Weight**	**Classification**	
			Hazard Class & Category Code	**Hazard Statements**
Manganese	7439-96-5	1.40 - 1.85%	Muta. 1B STOT SE 1 STOT RE 1	H340 H370 H372
Silicon	7440-21-3	0.8 - 1.15%	Flam. Sol. 1 Skin Irrit. 2 Eye Irrit. 2 STOT SE 3	H228 H315 H319 H335
Copper	7440-50-8	≤ 0.50%	Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2 Acute Tox. 4 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 1	H302 H315 H319 H332 H335 H400 H410
Carbon	7440-44-0	0.06 - 0.15%	Flam. Sol. 2 Self-heat. 2	H228 H252
Sulfur	7704-34-9	≤ 0.035%	Self-react. C Acute Tox. 4 Skin Irrit. 2 Acute Tox. 4 Aquatic Chronic 3	H242 H302 H315 H332 H412
Phosphorus	7723-14-0	≤ 0.025%	Flam. Sol. 1 Aquatic Chronic. 3	H228 H412

For full text of Phrases and Statements, see Section 16.

Section 4. First Aid Measures.

No first aid measures should be required for the unused wire and rod consumables.

Section 5. Fire Fighting Measures.

No specific measures required for the welding consumable prior to welding.

Section 6. Accidental Release Measures.

No specific actions for welding consumables prior to use.

6.4. Reference to other sections
See Section 7 for information on Safe Handling
See Section 8 for information of Personal Protective Equipment.
See Section 13 for information on disposal.

Section 7. Handling and Storage.

No special precautions are required for these welding consumables.

7.3. Specific end use(s)
Intended for use as a welding wire for the Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

No specific measures required for the welding consumable prior to welding.

Eye/Face Protection
Welders should wear a welding helmet fitted with the appropriate optical welding filter for the operation.

Skin Protection
Welders should wear suitable hand protection such as welding gloves or gauntlets of a suitable standard.

Respiratory Protection
No information available.

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Copper coated solid steel wire.
(b) Odour:	Odourless.
(c) Odour threshold;	No information available.
(d) pH:	No information available.
(e) Melting point/freezing point;	No information available.
(f) Initial boiling point and boiling range;	No information available.
(g) Flash point;	No information available.
(h) Evaporation rate;	No information available.
(i) Flammability (solid, gas);	No information available.
(j) Upper/lower flammability or explosive limits;	No information available.
(k) Vapour pressure;	No information available.
(l) Vapour density;	No information available.
(m) Relative density;	No information available.
(n) Solubility (ies);	Insoluble.
(o) Partition coefficient: n-octanol/water;	No information available.
(p) Auto-ignition temperature;	No information available.
(q) Decomposition temperature;	No information available.
(r) Viscosity;	No information available.
(s) Explosive properties;	No information available.
(t) Oxidising properties.	No information available.

9.2 Other information — No information available.

Section 10. Stability and Reactivity.

10.1. Reactivity	No information available.
10.2. Chemical stability	Stable.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	No information available.
10.5. Incompatible materials	No information available.
10.6. Hazardous decomposition products	No information available.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No information available.

Section 12. Ecological Information.

No information available.

Section 13. Disposal Considerations.

Packaging and wire/rod scrap should be disposed of as general waste or recycled. No special precautions are required for this product.

Section 14. Transport Information.

Product identified in 1.1 with description stated in 1.2 is not classified as hazardous for transport.

Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No information available.

15.2. Chemical safety assessment
No information available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H228: Flammable solid.
H242: Heating may cause a fire.
H252: Self-heating in large quantities; may catch fire.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H340: May cause genetic defects.
H370: Causes damage to organs.
H372: Causes damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

The above information is believed to be accurate and represents the best information currently available.
No warranty is expressed or implied by the above information.
We assume no liability resulting from use of the above information.
The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	13/08/09	First issue.
2	01/08/16	Sections 1.4, 2, 3, 4, 5, 6, 7, 8, 9, 13 & 14.

End of Safety Data Sheet.