

1. **Product and Company Identification**

Product name	Starweld
Chemical name	None
Product use	Welding aid and prevention of weld spatter adhesion to work pieces and work surfaces.
Supplier	Unique Welding Alloys http://www.weldamax.co.za

2. **Hazards Identification**

Health

Acute oral toxicity	Hazard category 5 May be harmful if swallowed.
Skin irritation	Hazard category 3 Practically non irritating.
Eye irritation	Hazard category 28 Mild irritant.

Environmental

Aquatic toxicity	Hazard category 4 Nontoxic to aquatic organisms and wildlife.
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3. **Composition / Information on Ingredients**

Aqueous suspension of carbonates and graphite in a Xanthan gum thixotropic base.

4. **First Aid Measures**

Skin contact	Not expected to be a problem.
Eye contact	Flush with water.
Inhalation	Not expected but if it occurs seek immediate medical attention.
Ingestion	Not expected to be a problem. You may induce vomiting.

5. **Fire Fighting Measures**

Non Flammable substance	Non-combustible and non-flammable.
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6. **Accidental Release or Spill**

Method for cleaning up	Flush with water.
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7. **Handling and Storage**

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Safe handling No special precautions are required.

Storage and Handling Prevent small spills and leakage to avoid slip hazard.

8. **Exposure Control / Personal Protection**

Long Term Exposure Limits (TWA) over 10 hours. LTEL.

Short Term Exposure Limits (TWA) over 1 hour. STEL.

Personal Protective Equipment (PPE)

Engineering Controls If Mists are generated use ventilation to exhaust to below exposure limits.

Respiratory Protection Approved respiratory equipment to be used if mists or dust is generated.

Eye Protection If splash with liquid is a possibility, then wear adequate eye protection.

Skin and body protection No special equipment required other than good personal hygiene practices.

9. **Physical and Chemical Properties**

Appearance Liquid

Colour Grey

Odour Mild

Solubility None

Boiling point 100°C

Flash Point Water based non combustible.

Density 1,6g/cm³

Viscosity Thixotropic gel

10. **Stability and Reactivity**

Stability Stable

Conditions to avoid Freezing destroys Thixotropic ability.

Materials to avoid Strong Acids

11. **Toxicological Information**

For all areas Practically non toxic

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12. **Ecological Information**

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Ecotoxicity effects

Toxicity to fish None

Toxicity to aquatic organisms None

13. **Disposal Considerations**



	Waste disposal method	Discard in the same manner as for any non hazardous aqueous material.
14.	Transport Information	
	Regulations applicable	None required
15.	Regulatory Information	
	Environmental Protection	When used for its intended purposes, this product is not Classified as hazardous
	EU UN Labelling	This product is not dangerous in any way and therefore this type of labelling is not required
16.	Other Information	Because of the inert nature of all of the ingredients of this product it can be accepted that this product is nontoxic and non-allergic and that no known incidents have been recorded to date over a period of more than 30 years.

Disclaimer

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control: all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses which infringe valid patents or as extending licence under valid patents or procedures. Appropriate warnings and safe handling procedures should be provided to handlers and users of this product.
