



## MATERIAL SAFETY DATA SHEET

### 1. Identification of Material and Supplier

<b>Product Name</b>	<b>WELD KLEEN 350 ANTI-SPLATTER (aerosol)</b>		
<b>Part Numbers</b>	<b>007088</b>		
<b>Other Names</b>	None allocated		
<b>Recommended Use</b>	Welding Aid		
<b>Supplier's Name</b>	Independent Wholesale Welding Supply		
<b>Address</b>	Unit 2/170 Power Street, Glendenning, NSW. 2761		
<b>All mail to:</b>	PO Box 284 Doonside NSW 2767		
<b>Telephone</b>	<b>61 2 8834 2400</b>	<b>Facsimile</b>	<b>61 2 8834 2498</b>
<b>Technical Support</b>	<b>61 2 8834 2400</b>	<b>E-mail Address iwws@iwws.net</b>	
<b>Web</b>	<a href="http://www.iwws.net">www.iwws.net</a>		

### 2. Hazards Identification

#### Hazardous Classification

This product is hazardous according to the criteria of the ASCC, is a DG Substance according to the ADG Code, is not a Scheduled Poison according to the SUSMP, Propellant is a flammable or combustible liquid according to AS1940 and all components are listed on the AICS

#### Risk Phrases (see also page 2)

F+ Extremely Flammable  
R12 Extremely flammable  
R36 Irritating to eyes

#### Safety Phrases (see also page 3)

S2 Keep out of reach of children.  
S9 Keep container in a well-ventilated place  
S16 Keep away from sources of ignition - No Smoking  
S33 Take precautionary measures against static discharges.  
S51 Use only in well ventilated areas.

Pressurized container.

Do not puncture or incinerate even when empty.

Do not expose to heat or store above 50°C as may occur in cars or near heat sources such as heaters, stoves or open flames as container may burst.

### 3. Composition Information on Ingredients

<b>Chemical name</b>	<b>CAS Number</b>	<b>Proportion</b>
Water	7732-18-5	> 60 %
Modified Fatty Alkanolamide	none	< 10 %
Tetra Ethylene Diamine Tetracetate	64-02-8	Trace
Eloacid Brilliant Scarlet 3R	2611-82-7	Trace
Dimethyl ether (Propellant)	115-10-6	20-30%

## 4. First Aid Measures

### 4.1 Symptoms of Exposure by Route

**Eye:** Direct contact may cause eye irritation with redness, tearing and pain.

**Skin:** Prolonged contact can cause mild irritation, and dryness.

**Inhalation:** Mist or vapour can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

**Ingestion:** May cause nausea. Swallowing large amounts may be harmful.

### 4.2 First Aid Instructions

**Eye:** Flush eyes with large amounts of water for 15 minutes. If irritation or other symptoms persist, get medical attention.

**Skin:** No first aid should be required. If skin irritation develops, discontinue use and seek medical attention.

**Inhalation:** No first aid should be needed. If irritation develops, move to fresh air. Seek medical attention if irritation or other symptoms persist.

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to a person who is unconscious or drowsy. Seek medical attention.

**First Aid Facilities** Provide normal industrial first aid facilities including eyewash stations and deluge showers, where appropriate, close to the area where product is in use.

### Notes to Physician (for symptoms of over-exposure to this product see above)

#### Possible symptoms of Chronic Health Effects

None reported for product.

#### Possible aggravated pre-existing conditions

Pre-existing skin diseases.

#### Carcinogen Status

None of the components of this product are listed as carcinogens by IARC or the EU Directive.

#### Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reactions to the exposure. For further information contact the:

**POISONS INFORMATION CENTRE 13 11 26**

## 5. Fire Fighting Measures

### 5.1 Flammability and Explosion Hazards

Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Propellant is extremely flammable. Propellant can create an explosion hazard in confined spaces.

### 5.2 Hazardous Combustion Products

Thermal decomposition emits acrid smoke, and oxides of carbon.

**Hazchem Code:** n.d.

### 5.3 Suitable Extinguishing Media

Use any media that is suitable for the surrounding fire. Cool fire exposed containers with water.

### 5.4 Precautions for Fire Fighters and Special Equipment

Fire fighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

## 6. Accidental Release Measures

### 6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Prevent product entering drains or waterways. Eliminate all sources of ignition. Ventilate area. Wear appropriate protective clothing and equipment as described in section 8. Place leaking can in a pail in a well ventilated area away from ignition sources until pressure has dissipated. Collect liquid using absorbents and place into a suitable container for disposal. Report spills to authorities as required.

## 7. Handling and Storage

### 7.1 Handling Advice

Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing aerosols. Use only with adequate ventilation. Keep away from heat, sparks, hot surfaces and open flames. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate containers.

### 7.2 Storage Advice

Store in a cool, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 49°C.

## 8. Exposure Controls/ Personal Protection

### 8.1 Exposure Standards

An exposure standard for the product has not been set by the ASCC.

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Tetra Ethylene Diamine Tetracetate	n.d	n.d
Eloacid Brilliant Scarlet 3R	n.d	n.d
Dimethyl ether (Propellant)	400 (ppm)	950 (mg/m <sup>3</sup> )

### 8.2 Engineering Control Methods

General ventilation should be adequate for all normal use. For operations where exposure levels may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

### 8.3 Personal Protective Equipment

**Respiratory Protection** Not usually required for normal use.

**Gloves** Impervious gloves are recommended if needed to avoid prolonged or repeated contact. Suggested materials for protective gloves include: Rubber, Neoprene or Nitrile.

**Eye Protection** Wear safety glasses or goggles to AS1337.

**Clothing** Appropriate protective clothing as needed to prevent prolonged/ repeated skin contact.

## 9. Physical and Chemical Properties

<b>Appearance:</b> Red Liquid	<b>Odour:</b> None
<b>Vapour Pressure:</b> 17.5 mm Hg @ 20°C (Water)	<b>Vapour Density:</b> Heavier than air (Propellant)
<b>pH:</b> 10.5	<b>Specific Gravity:</b> 1.0
<b>Melting Point/Freezing Point:</b> - Not available	<b>Water Solubility:</b> 100% @ 25°C
<b>Boiling Point:</b> 212°F (100°C)	<b>Partition Coefficient:</b> Not available
<b>Flash Point:</b> -42°F (-41°C) (Propellant)	<b>Auto ignition Temperature:</b> Not determined
<b>Evaporation Rate:</b> 1mg/1 (water)	<b>Decomposition Temperature:</b> None
<b>Flammable Limits:</b> LEL: 3.4 % (Propellant)	<b>Viscosity:</b> 1 cps @ 25°C
<b>Flammable Limits:</b> UEL: 18.0 % (Propellant)	<b>Explosion Properties:</b> Propellant may be explosive in high concentrations.
<b>Oxidizing Properties:</b> Not oxidizing	

## 10. Stability and Reactivity

In normal use and handling the product is stable.

Avoid strong oxidizers, acids and alkalis. Keep away from heat, sparks, flames and other sources of ignition. Avoid temperature in excess of 49°C.

**Hazardous Decomposition Products:** Thermal decomposition emits acrid smoke, and oxides of carbon.

**Hazardous Polymerization:** Will not occur

## 11. Toxicological Information

**Acute Toxicity Values:** Product: Oral rat LD50 9,000 mg/kg; Skin rabbit LD50 >2,000 < 20,000 mg/kg;

## 12. Ecological Considerations

**Eco-Toxicity:** No data available.

## 13. Disposal Considerations

Classify waste under applicable State and local regulations. Do not puncture or incinerate containers.

## 14. Transport Information

**ADG Shipping Description:** UN1950, Aerosols, 2.2

**ID Number:** UN1950

**Class:** 2.2

**Packing Group:** None

**Labels Required:** 2.2

**Marking Required:** UN1950

## 15. Regulatory Information

Labeling requirements under the *ADG Code*, the *SUSDP* or the "*National Code of Practice for the Labeling of Workplace Substance*" [ASCC: 2012 (1994)] apply to this product as sold.

## 16. Other Information

### Disclaimer

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### Original Date

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New MSDS (Version 1.0) to comply with National Code of Practice for the

Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003).

**Data Sources used:** in the preparation of this MSDS include: *Information as supplied by U.S Manufacturer: Weld-Aid Products, 14650 Dequindre, Detroit, MI USA 48212. The National Model Regulations for the Control of Workplace Hazardous Substances* [NOHSC:1005(1994)], *Approved Criteria for Classifying Hazardous Substances* [NOHSC(1008:2004)] 3rd Edition (the Approved Criteria), <http://hsis.ascc.gov.au/SearchHS.aspx>. "*List of Designated Hazardous Substances*" NOHSC 10005:1999, "*National Exposure Standards*" NOHSC 1003:1995.

**Abbreviations used:** n.d = not determined, n.a = not applicable, n.all =not allocated, SUSMP=Standard for the Uniform Scheduling of Medicines and Poisons, ADG=Australian Dangerous Goods Code, IATA =International Air Transport Association, (Dangerous Goods Regulations), IMDG=International Maritime Dangerous Goods (Code), ASCC=Australian Safety and Compensation Council. IARC=International Agency(for) Research (of) Cancer.