



MATERIAL SAFETY DATA SHEET

1. Identification of Material and Supplier

Product Name	Heavy Duty Nozzle Dip Gel		
Part Number	007094		
Other Names	None allocated		
Recommended Use	Welding Aid		
Supplier's Name	Independent Wholesale Welding Supply		
Address	Unit 2/170 Power Street, Glendenning, NSW. 2761		
All mail to:	PO Box 284 Doonside NSW 2767		
Telephone	61 2 8834 2400	Facsimile	61 2 8834 2498
Technical Support	61 2 8834 2400	E-mail Address iwws@iwws.net	
Web	www.iwws.net		

2. Hazards Identification

Hazardous Classification

This product is not hazardous according to the criteria of the ASCC, is not a DG Substance according to the ADG Code, is not a Scheduled Poison according to the SUSMP, is not a flammable or combustible liquid according to AS 1940 and all components are listed on the AICS

Risk Phrases

None allocated (see also page 2)

Safety Phrases

None allocated (see also page 3)

3. Composition Information on Ingredients

Chemical name	CAS Number	Proportion
Water	7732-18-5	> 60 %
Modified Fatty Alkanolamide	68440-04-0	< 15 %
Tetra Ethylene Diamine Tetracetate	64-02-8	Trace

4. First Aid Measures

4.1 Symptoms of Exposure by Route

ACUTE:

- Ingested** Small amounts ingested incidental to normal handling will have little or no effect. Larger amounts may cause nausea.
- Eyes** May cause minor to moderate eye irritation.
- Skin** No effects reported.
- Inhaled** No effects reported.

4.2 First Aid Instructions

- Ingested** Do not induce vomiting unless following medical directions. Rinse mouth out with water. Give two 250 ml glasses of water to drink. If symptoms persist seek prompt medical assistance.
- Eyes** Hold eyelids open and flush eyes with clean water for 15 minutes. Hold eyelids open and away from eye to ensure that the inside of the lids are carefully flushed clean. If symptoms persist or corneal damage is present seek prompt medical advice.
- Skin** Remove contaminated clothing (under deluge shower if necessary). Wash affected area for 10 minutes with soap and water. Do not rub hard. Rinse well for a further 5 minutes and pat dry. If symptoms persist seek prompt medical advice.
- Inhaled** Remove patient to fresh air. Loosen tight clothing and allow to rest. Treat for shock if required. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Unless recovery is prompt seek **urgent** medical advice.
- 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

None reported for product.

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

Product is non-combustible.

5.2 Hazardous Combustion Products

In a fire may emit CO_x

5.3 Suitable Extinguishing Media

Use water delivered as fine spray or fog, foam or dry agents.

Hazchem Code: n.all.

5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out uniform.

6. Accidental Release Measures

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

Prevent product entering drains or waterways. Spread sand, soil or other inert absorbent over pool. When saturated collect into plastic or metal drums or pails. Fit lids, label and place in a safe area to await disposal.

7. Handling and Storage

7.1 Handling Advice

Wear suitable protective clothing.

7.2 Storage Advice

Store in a cool, dry area. Keep away from heat and ignition sources. Keep away from strong oxidisers, acids or alkalis.

8. Exposure Controls/ Personal Protection

8.1 Exposure Standards

An exposure standard for the product or the ingredients has not been set by the ASCC. The fumes arising from welding have an Exposure Standard of:

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Welding fumes (Must be measured inside welder's helmet)	5 mg/m ³	n.est

8.2 Engineering Control Methods

Provide comfort level ventilation supplemented as necessary to minimise exposures.

8.3 Personal Protective Equipment

Respiratory Protection Not usually required. Wear normal welding protective clothing and equipment.

Gloves Not usually required. Wear normal welding protective clothing.

Eye Protection Not usually required but if splashes are likely wear safety glasses or goggles to AS 1337. Wear normal welding protective clothing and equipment.

Clothing Wear Tyvec or cotton coveralls fastened at the neck and wrists. Supplement with a welders apron as appropriate

9. Physical and Chemical Properties

Appearance	Amber, clear gel	Odour	Odourless
Melting Point	n.d.	Boiling Point	100°C
Specific Gravity	1.0	Flash Point	n.a.
Flammability Limits	n.a.	Vapour Density	n.d.
Vapour Pressure	17.5 mm Hg	AS1940 Class	n.a.
Solubility (H₂O)	Insoluble.		
Other Properties	None relevant to product.		

10. Stability and Reactivity

In normal use and handling the product is stable.

11. Toxicological Information

No relevant data found.

12. Ecological Considerations

Not expected to create environmental harm unless released in massive amounts.

13. Disposal Considerations

Disposal must be in accordance with local regulations for non-hazardous wastes.

14. Transport Information

No DG regulatory requirements apply to the transport of this product.

15. Regulatory Information

Labeling requirements under the *ADG Code*, the *SUSMP* or the "*National Code of Practice for the Labeling of Workplace Substance*" [ASCC: 2012 (1994)] do not apply to this product as sold.

16. Other Information

Disclaimer

No representative of IWWS any other person has the authority to alter or amend this MSDS or the information contained therein without the prior approval of IWWS management. Any alterations render this document invalid. The information presented in this MSDS is believed by Independent Wholesale Welding Supply to be accurate at the date shown and in accordance with information available to the Company. The circumstances and methods of using, handling, transporting or storing the material are beyond our control and persons using, handling, transporting or storing the product do so at their own risk. Independent Wholesale Welding Supply accept no liability for damage or injury arising from the use of the information contained herein.

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New MSDS (Version 1.) 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: "*Chempendium*" and "*MSDS plus Cheminfo*" published in CD format by CCOHS Canada 2005 - 4. "*TOMES*" a CD database published by Micromedex, USA, "*Hazardous Properties of Industrial Materials*" Van Nostrand Rheinhold NY, USA. "*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.