



Revision January 2009

Page 1 of 6

## MATERIAL SAFETY DATA SHEET EZI-WELD 801

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: EZI-WELD 801  
 Other Names:  
 Use: A flux for the soldering of most metals except aluminium, magnesium and die cast.  
 Contact Details: W.I.S. Sales  
 Lot 10 Gantry Place  
 Braemar NSW 2575  
 Tel 02 4872 1967 Fax 02 4872 1968  
 After hours tel 02 4868 1973  
 Poisons Information Centre  
 Tel 131 126

### 2. HAZARDS IDENTIFICATION

#### Statement of Hazardous Nature

This product is a mixture. Some of its ingredients make it Hazardous according to criteria of Worksafe Australia. Classified as Dangerous Goods according to criteria of the Australian Dangerous Goods Code.

Corrosive  
Toxic

<b>Risk Phrases</b>	R20	Harmful by inhalation
	R23	Toxic by inhalation
	R36/38	Irritating to eyes and skin
	R34	Causes burns
<b>Safety Phrases</b>	S1/2	Keep locked up and out of reach of children
	S7/8	Keep container tightly closed and dry
	S36/37/39	Wear suitable protective clothing, gloves, and eye/face protection
	S9	Keep container in well ventilated place
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S28	After contact with skin wash with plenty of water
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)	
S62	If swallowed do not induce vomiting; seek medical advice immediately and show this container or label	



Revision January 2009

Page 2 of 6

## MATERIAL SAFETY DATA SHEET

### EZI-WELD 801

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Zinc Chloride	7646-85-7	10 - <30%
Hydrochloric Acid	7647-01-0	10 - <30%
Ammonium Chloride	12125-02-9	<10%

Balance are other non Designated Hazardous additives

#### 4. FIRST AID MEASURES

##### First Aid

- Ingestion:** Rinse mouth with water. Give plenty of water to drink. Do NOT induce vomiting. Seek medical attention.
- Eye:** Wash immediately with copious quantities of water for 15 minutes. Immediately seek medical attention
- Skin:** Wash with plenty of soap and water. Remove contaminated clothing and wash before reusing. If irritation occurs seek medical attention.
- Inhalation:** Remove victim from area of exposure. For all except minor effects, seek medical attention.

##### Advice To Doctor

Treat symptomatically and contact Poisons Information Centre.

#### 5. FIRE FIGHTING MEASURES

##### Extinguishing Media

Product is a non flammable and non combustible liquid.

In case of fire, appropriate extinguishing media include foam, carbon dioxide and dry chemical powder.

##### Hazards from Combustion Products

Non combustible liquid. If in fire could emit toxic fumes including zinc oxide and hydrogen chloride.

##### Precautions for Fire Fighters and special protective equipment

Fire fighters should wear a self contained breathing apparatus and full protective clothing along with equipment.

Hazchem Code: 2X



Revision January 2009

Page 3 of 6

**MATERIAL SAFETY DATA SHEET  
EZI-WELD 801****6. ACCIDENTAL RELEASE MEASURES****Emergency Procedures**

Wear protective equipment as advised above. Avoid walking through spilled product. Do NOT let product reach drains or waterways.

**Methods and materials for containment and clean up.**

Contain major spillage and pump into non metallic containers. Minor spillage, absorb with sand, earth or other absorbent material. Dispose of according to local, state and federal statutory authorities. Once clean, wash area down with copious quantities of water.

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

Ensure an eye bath and safety shower are available and ready for use.

**Conditions for Safe Storage**

Stow away from foodstuffs.

Store in cool well ventilated place and keep containers closed when not in use. Containers should be well labelled.

**8. Exposure Controls/Personal Protection****National Exposure Standards**

No value assigned by Australian Safety and Compensation Council.(ASCC)

However; For Hydrogen Chloride TWA: 5ppm 7.5mg/m<sup>3</sup> (ASCC) Peak Limitation

For Zinc Chloride (fume) TWA: 1 mg/m<sup>3</sup> (ASCC).

STEL: 2 mg/m<sup>3</sup> (ASCC).

For Ammonium Chloride (fume) TWA: 10mg/m<sup>3</sup> (ASCC)

STEL: 20mg/m<sup>3</sup> (ASCC)

**Biological Limit Values**

No Data Available

**Engineering Controls**

Ensure ventilation is adequate so as to maintain air concentration below exposure standards. If using exhaust ventilation a local unit is preferable to a general unit. Avoid breathing fumes given off during soldering operations. When product not being used, seal containers.



Revision January 2009

Page 4 of 6

**MATERIAL SAFETY DATA SHEET**  
**EZI-WELD 801****Personal Protective Equipment**

Overalls, goggles, and PVC gloves. Avoid breathing vapours. Where ventilation is not adequate, respiratory protection maybe required. Wash contaminated equipment before reusing. Always wash hands before smoking, eating, drinking or going to the toilet.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- |                           |                             |
|---------------------------|-----------------------------|
| (a) Appearance:           | Clear to pale straw liquid  |
| (b) Odour:                | Slight characteristic odour |
| (c) pH                    | No data                     |
| (d) Vapour Pressure       | Not available               |
| (e) Vapour Density        | Not available               |
| (f) Boiling Point:        | Not available               |
| (g) Freezing Point        | Not available               |
| (h) Solubility            | Soluable in water           |
| (i) Specific Gravity:     | 1.24                        |
| (j) Flammable information | Not applicable              |

**10. STABILITY AND REACTIVITY****Chemical Stability**

Product is stable under normal conditions of use, storage and temperature.

**Conditions to Avoid**

No data available

**Incompatible Materials**

Avoid contact with aluminium, magnesium and diecast metals. Store in plastic containers, avoid metal containers.

**Hazardous Decomposition Products**

No data available

**Hazardous Reactions**

No data available



Revision January 2009

Page 5 of 6

**MATERIAL SAFETY DATA SHEET  
EZI-WELD 801****11. TOXICOLOGICAL INFORMATION**

Since a mixture no specific data available. Following information applicable to ingredients. Harmful by ingestion. Corrosive to skin and eyes. Avoid skin and eye contact. Generates fumes when heated. Use adequate ventilation. Work to TLV and use good occupational work practice.

**Health effects:**

Acute;

Swallowed: Corrosive, may burn mouth, gullet and stomach.

Eye: Corrosive may cause severe damage.

Skin: Corrosive may cause burns.

Inhaled: May cause irritation and burns of the respiratory tract. Symptoms may include sore throat, coughing, shortness of breath, nausea and lung damage.

Chronic: No data available

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available for mixture.

acute oral LD50 (rat): Zinc Chloride	350mg/kg
Hydrochloric Acid	>900mg/kg
Ammonium Chloride	1650 mg/kg

**Persistence and Degradability**

No data available for this mixture

**Mobility**

No data available for this product.

**13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose of in accordance with local, state and federal regulations.

**Special Precautions for Landfill or Incineration**

No data available

**14. TRANSPORT INFORMATION**

UN Number: 1760

UN Proper Shipping Name: Corrosive Liquid, N.O.S. (contains Zinc Chloride)

Class: 8



Revision January 2009

Page 6 of 6

## MATERIAL SAFETY DATA SHEET EZI-WELD 801

Packaging Group: II  
Special Precautions for User Corrosive  
Hazchem Code: 2X  
EPG: 8A1  
Poisons Schedule: S6

### 15. REGULATORY INFORMATION

Poison Schedule S6  
Hazard Category Corrosive

### 16. OTHER INFORMATION

#### EMERGENCY CONTACT

National Poisons Centres

**131 126**

W.I.S. SALES after hours number 02 4868 1973

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END OF MATERIAL SAFETY DATA SHEET