

FEBRUARY 2002

**MATERIAL SAFETY DATA SHEET****IDENTIFICATION AND COMPANY**

Trade Name	<b>EVERFLUX</b>
Type & Product/Use	Water Soluble Soldering Flux
Company	The Wiseman Group Manufacturing Chemists P.O Box 58 High Street INGATESTONE Essex CM4 9DL Tel: 01277-633200

**COMPOSITION**

Fatty Esters	
Surfactants	< 5% w/w
Emulsifying Oils	
Soluble Waxes	
Ammonium Chloride	> 2% w/w
Zinc Chloride	> 4% w/w
White Oils	
Inhibitors	< 2% w/w

**HAZARD IDENTIFICATION**

Zinc Chloride:	CAS No 7646-85-7	TLV (units) 1 mg/m <sup>3</sup>
Ammonium Chloride	CAS No 12125-02-9	TLV (units) 10 mg/m <sup>3</sup>

THIS PRODUCT IS NOT CLASSIFIED ACCORDING TO THE CHEMICALS HAZARD INFORMATION AND PACKAGING FOR SUPPLY (AMENDMENT) REGULATIONS 1996.

**FIRST AID MEASURES**

**SKIN:** Contact should be avoided. Prolonged or repeated contact with the skin can inflame, irritate and burn the skin. In case of skin contact, immediate washing with plenty of soap and water is recommended.

**EYES:** Contact should be avoided. If this occurs, irrigate for at least 15 minutes under running cold tap and seek medical attention.

**INHALATION:** Remove to fresh air. If recovery is not immediate call doctor at once.

**INGESTION:** DO NOT INDUCE VOMITING. Drink Bicarbonate of Soda in water/milk/Milk of Magnesia or Washing Soda in water. Call Doctor immediately.

**FIRE FIGHTING MEASURES**

This product is water based and would not support combustion.

**ACCIDENTAL RELEASE**

In the event of spillage mop up bulk and dilute remainder to foul drain with water. Treat large spillages as industrial waste.

**HANDLING AND STORAGE**

Store in original containers and protect from extremes of temperature. Do not mix with any other material other than water as directed.

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** Use in well ventilated areas to avoid the inhalation of any fumes evolved.

**HAND PROTECTION:** A barrier cream is recommended – WISEMAN'S BOFANS

**EYE PROTECTION:** Safety goggles or face shield should be worn.

**SKIN PROTECTION:** Normal work ware protective clothing should be worn.

**PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Cream coloured paste	ODOUR:	None
pH:	N/A	BOILING POINT:	N/A
MELTING POINT:	N/A	FLASH POINT:	N/A
FLAMMABILITY:	Does not support combustion	SOLUBILITY:	Soluble in water

**STABILITY AND REACTIVITY**

This product is stable and will not cause any adverse reactions if used as directed.

**TOXICOLOGICAL INFORMATION**

**INHALATION:** If the soldering temperature exceeds 400<sup>o</sup> C, Zinc chloride fumes may be evolved which can cause irritation to the respiratory system.

**SKIN CONTACT:** Prolonged contact will inflame, irritate and burn the skin.

**EYE CONTACT:** Irritant and will cause inflammation.

**INGESTION:** May burn the mouth and cause gastrointestinal inflammation.

**ECOLOGICAL INFORMATION**

All surfactants conform to current E.E.C directives on biodegradability.

Containers may be treated as domestic waste.

**DISPOSAL CONSIDERATIONS**

In the event of spillage or leaks mop up bulk and dilute remainder to foul drain with water.

For large volumes follow local authority regulations. Packaging – Rinse thoroughly with water and dispose as solid waste.

**TRANSPORT INFORMATION**

ADR – N/A

CDG/CPL – N/A

I.M.D.G – N/A

**REGULATORY INFORMATION**

This product is not classified as hazardous according to the Chemicals Hazard Information and Packaging for Supply (amendment) Regulations 1996.

**SAFETY PHRASES** –S24/25 Avoid contact with skin and eyes.

–S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**OTHER INFORMATION**

For additional information contact WISEMAN'S Technical Services Department. The name EVERFLUX is a registered trade mark.

**WARRANTY**

This product is sold only on the understanding that The Wiseman Group accept no liability whatsoever for any loss, injury or damage direct or indirect for any purpose other than that recommended by The Wiseman Group or if the product is not used strictly in accordance with the instructions and/or directions issued with the product.