

# MATERIAL SAFETY DATA SHEET

Note: Read and understand Material Safety Data sheet before handling or disposing of product.

**Date of Issue:** 17 June 2005

**MSDS Version:** 002

## SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** DIF<sup>®</sup> Liquid Concentrate  
**Product use:** Concentrated wallpaper stripper solution designed to be diluted before use.  
**Company Identification** Zinsser Asia Pacific Pty Limited  
Unit 1, 2 Park Rd  
Rydalmere NSW 2116  
Australia  
Tel: +61 2 9684 6060  
Fax: +61 2 9680 0111  
Toll Free Number: 1300 784 476  
**Emergency telephone number:** +61 2 9684 6060 (9am – 5pm) Mon. to Fri.

## SECTION 2. HAZARDS IDENTIFICATION

### HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS

**Hazard Category:** Xn  
**Risk Phrases:** R22: Harmful if swallowed  
**Safety Phrases:** S2: Keep out of reach of children.  
S46: If swallowed, seek medical advice immediately and show this container or label.  
**DG Class:** Not available  
**Subsidiary Risk:** Not assigned  
**Poisons Schedules** Not assigned  
**Number:**  
**Precautions:** Do not swallow.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

### COMPOSITION

Components	CAS Number	% By Weight
Diethylene glycol	111-46-6	>10-30
Other ingredients determined not to be hazardous	-	Balance to 100%

#### SECTION 4. FIRST AID MEASURES

- General:** In all cases of doubt, or when symptoms persist, seek medical advice immediately. Never give anything by mouth to an unconscious person. For symptoms see section 11.
- Inhalation:** Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical attention for any breathing difficulty.
- Skin:** Wash thoroughly with water and soap. Remove any contaminated clothing. Wash contaminated clothing before re-use. If irritation occurs consult a physician.
- Eyes:** Rinse immediately with plenty of water for at least 15 minutes. See a physician if pain persists.
- Ingestion:** If swallowed do NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone *eg Australia 13 11 26; New Zealand 03 4747 000 [Not after May 2005] or use 0800 764 766 after May 2005*) or a doctor immediately.
- Note to physician:** Treat symptomatically.

#### SECTION 5. FIRE FIGHTING MEASURES

- Extinguishing media:** Dry chemical, alcohol resistant foam, water fog or carbon dioxide.
- Prohibited extinguishing media:** None known.
- Unusual fire & explosion hazards:** None specifically.
- Special fire fighting procedures and protective equipment:** None specifically.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautionary measures:</b>	Avoid breathing vapours. Floors may become slippery. Use appropriate protective equipment.
<b>Emergency procedures:</b>	Exclude non-essential personnel.
<b>Environmental precautions:</b>	The material is not classified as toxic to the environment. However, care should be taken not to allow entry into drains or watercourses.
<b>Procedure for cleaning/absorption</b>	Contain and collect spillages with non-combustible absorbent material e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable clearly labelled container. Wash the spill area with a mild detergent to remove residue. Avoid the use of solvents. Dispose of in accordance with Federal, State and Local Government regulations

## SECTION 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid eye contact. Avoid inhalation of spray mist. Smoking, eating and drinking should be prohibited in areas of storage and use. Wash hands before eating. Good house keeping standards and regular safe removal of waste material is recommended.
<b>Storage</b>	Keep container tightly closed when not using. Keep out of reach of children. Protect from freezing.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>National Exposure Standards</b>	Exposure Standards have not been set for the ingredients in this product <sup>1</sup> .
<b>Engineering controls:</b>	Ensure good ventilation during application and drying.
<b>Personal protective equipment</b>	
<b>Respiratory protection:</b>	Not necessary under normal conditions of use. Suitable respiratory protection should be worn during spray application. Refer to AS/NZ 1715 and 1716.
<b>Hand protection:</b>	Wear impervious gloves.
<b>Eye protection:</b>	Wear chemical goggles or a face shield if splashing hazard exists.
<b>Skin protection:</b>	Wear suitable cotton/synthetic overalls. Wash skin with soap and water.
<b>Work practices, hygienic practices:</b>	Keep away from food, beverages and tobacco. Wash hands before taking a break or leaving work.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Characteristic	Units	Description
<b>Physical State</b>		Liquid
<b>%Solids</b>	%W/W	Not available
<b>Appearance</b>		Translucent amber liquid.
<b>Odour</b>		Mild odour
<b>Boiling Point/range</b>	°C	>100
<b>Melting Point/Range</b>	°C	Not determined
<b>Viscosity Range</b>	cps	10-50
<b>Solubility</b>		Soluble in water.
<b>Specific Gravity</b>	Water = 1	1.02
<b>Vapour Pressure</b>	mm Hg	240
<b>Vapour Density</b>	Air = 1	>1
<b>pH</b>		7-8
<b>Flash Point</b>	°C	>93
<b>Lower explosive limit</b>	%	N/A
<b>Upper explosive limit</b>	%	N/A
<b>Autoignition Temperature</b>	°C	Not available

N/A = Not applicable

## SECTION 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use.
<b>Conditions to Avoid:</b>	No open flames.
<b>Incompatibility (materials to avoid):</b>	Strong oxidising agents.
<b>Hazardous polymerisation:</b>	Will not occur.
<b>Hazardous reactions:</b>	Not evaluated.
<b>Hazardous decomposition products:</b>	Not evaluated.

## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Acute health effects:</b>	
<b>Ingested:</b>	Harmful if swallowed. Diethylene glycol (100%): Minimum fatal dose level in humans is 0.5-5 g/kg body weight <sup>2</sup> .
<b>Eye:</b>	No effect.
<b>Skin:</b>	No effect.
<b>Inhaled:</b>	No effect.

**Chronic health effects:** The chronic effects of this product have not been determined.  
**Note:** Toxicology information is not available for this product.

## SECTION 12. ECOLOGICAL INFORMATION

**Biodegradation:** No data available on the degradability of the product.  
**Environmental Hazards:** No data available on this product. The product should not be allowed to enter drains, watercourses, and access routes to septic tanks or to be deposited where it can affect ground or surface waters.  
**Mobility:** No data available on the mobility of this product.  
**Environmental fate:** No data available on the environmental fate of this product.  
**Bioaccumulation potential:** No data available on the bioaccumulation potential of this product.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Follow Federal, State and Local government regulation regarding waste management services.  
This material contains environmentally hazardous substances. Relevant regulations and competent authorities should be consulted for disposal requirements.

## SECTION 14. TRANSPORT INFORMATION

The description shown may not apply to all transport situations.

**UN number:** Not applicable  
**Class:** Not applicable  
**Shipping name:** Paint products  
**Packing group:** Not applicable  
**Marine pollutant:** Not applicable  
**Other information:** Not applicable

## SECTION 15. REGULATORY INFORMATION

This product was evaluated according to the *Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] – April 1999*

<b>Hazard Symbol:</b>	Xn
<b>Risk Phrases:</b>	R22: Harmful if swallowed
<b>Safety Phrases:</b>	S2: Keep out of reach of children. S46: If swallowed, seek medical advice immediately and show this container or label.
<b>US TSCA inventory:</b>	The product and/or its components are listed or are exempt.
<b>EC EINECS inventory:</b>	The product and/or its components are listed or are exempt.
<b>CANADA DSL inventory:</b>	The product and/or its components are listed or are exempt.
<b>AUSTRALIAN AICS inventory:</b>	The product and/or its components are listed or are exempt.

## SECTION 16. OTHER INFORMATION

<b>Contact Person:</b>	Marketing Manager
<b>Contact Telephone No:</b>	+61 2 9684 6060
<b>Website:</b>	www.zinsser.com.au
<b>References:</b>	<ol style="list-style-type: none"><li>1. National Occupational Health and Safety Commission. <i>Exposure Standards for Atmospheric Contaminants in Occupational Environment. National exposure standards [NOHSC:1003(1995)].</i> May 1995</li><li>2. Clinical Toxicology of Commercial Products. 4th ed. Baltimore: Williams and Wilkins, 1976., p. II-119.</li></ol>
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