

SAFETY DATA SHEET

Section 1. Identification	
Product name	DIF® Liquid Concentrate
Intended use	This material is a concentrated wallpaper stripper solution designed to be diluted before use. It can be applied using a roller or spray applied.
Responsible person in EU	Zinsser UK Ltd
	01937 584411
Emergency telephone	As above

Section 2. Composition			
2.1 Substances present in concentrations requiring classification under CHIP 3 Regulations or for which there are Community workplace exposure limits.			
Substance name	Conc. range (%)	EINECS / CAS No.	Symbol
Diethylene glycol	26.585	111-46-6	Xn

Section 3. Hazards identification	
Classification	Xn Harmful

Section 4. First aid measures	
General	In all cases of doubt, or when symptoms persist, seek medical attention. Show label where possible. Never give anything by mouth to an unconscious person.
Inhalation	No specific treatment is necessary as the material is not likely to be hazardous by inhalation. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty.
Skin contact	Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated

	clothing before re-use. If irritation occurs, consult a physician.
Eye contact	Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.
Ingestion	If swallowed, obtain medical treatment immediately.

Section 5. Fire-fighting measures	
Extinguishing media	Dry chemical or alcohol resistant foam water fog. Carbon dioxide. Water spray mist.
Prohibited extinguishing media	None known.
Special exposure hazards	None specifically
Special protective equipment for fire fighters	As the product contains combustible organic components fire can produce black smoke containing hazardous products of combustion. Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Section 6. Accidental release measures	
Personal precautions	Exclude non-essential personnel. Avoid breathing vapour. Floors may become slippery. Refer to protective measures listed in Sections 7 and 8.
Environmental precautions	The material is not classified as toxic to the environment. However, care should be taken not to allow entry into drains or watercourses.
Cleaning up measures	Exclude non-essential personnel. Avoid breathing vapour. Floors may become slippery. Refer to protective measures listed in Sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials, e.g., sand, earth, vermiculite, diatomaceous earth and place in a clearly labelled suitable container for disposal in accordance with local waste control laws (see Section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid the use of solvents.

Section 7. Handling and storage	
Handling	Handling Apply product only in accordance with methods stated in Section 1. Avoid skin and eye contact. Avoid inhalation of spray mist. For personal protection, see Section 8. Good housekeeping standards and regular safe removal of waste materials are recommended.
Storage	Keep container tightly closed when not using. Keep out of the reach of children. Protect from freezing.
Specific uses	Apply this product in accordance with the methods stated in Section 1.

Section 8. Exposure controls / personal protection	
Exposure limit values	
Diethylene glycol	Not available.
Exposure controls	Ensure good ventilation during application and drying.
Occupational exposure controls	The Control of Substances Hazardous to Health Regulations 1994 (COSHH) may apply to the use of this product work. Engineering control of operator exposure must be used where reasonably practicable in addition to personal protective equipment (PPE). However, engineering controls may replace PPE if a COSHH assessment that they provide an equal or higher standard of protection.
(a) Respiratory protection	Should not be necessary under normal conditions of use. Suitable respiratory protective equipment should be worn during spray application to prevent inhalation of spray mists.
(b) Hand protection	Where skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.
(c) Eye protection	Eye protection designed to protect against liquid splashes should be worn.
(d) Skin protection	Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
Environmental exposure	The material is not classified as toxic to the

controls	environment. However, care should be taken not to allow entry into drains or watercourses.
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Section 9. Physical and chemical properties

General information

Appearance	Translucent amber liquid	Odour	Mild odour.
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Important health, safety and environmental information

pH	7 - 8	Boiling point	> 100° C
Flammability	Not Flammable	Flash point	>93°C
Lower Explosive Limit	N/A	Upper Explosive Limit	N/A
Viscosity Range	10 - 50 cps	Specific Gravity (water = 1)	1.02
Water solubility	Soluble in water.	Evaporation rate (n-Butyl Acetate = 1)	N/D
Vapour pressure	240 mm Hg	Vapour density	> Air

Section 10. Stability and reactivity

Conditions to avoid	No open flames.
Materials to avoid	No strong oxidants
Hazardous decomposition products	Not evaluated

Section 11. Toxicological information

Acute toxicity	Not classified as toxic.
Corrosivity / irritation	The preparation has been assessed and found to produce no effect.
Sensitisation	The preparation has been assessed and found to produce no effect.
Repeated dose toxicity	The preparation has been assessed and found to produce no effect.
Mutagenicity	The preparation has been assessed and found to produce no effect.
Carcinogenicity	The preparation has been assessed and found to produce no effect.
Reproductive toxicity	The preparation has been assessed and found to produce no effect.

Section 12. Ecological information

There is no data available on the product itself. The product should not be allowed to enter drains, watercourses, access routes to septic tanks or be deposited where it can affect ground or surface waters.

Section 13. Disposal considerations

Do not allow into drains, watercourses, access routes to septic tanks or dispose of where ground or surface waters may be affected.

Section 14. Transport information

UN number	N/A
Class	N/A
Shipping name	Paint products.
Packing group	N/A
Marine pollutant	N/A
Other information	N/A

Section 15. Regulatory information

The preparation was evaluated according to the requirements of The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, EH40/2002 Occupational Exposure Limits and was classified as follows:
Harmful if swallowed
Keep out of the reach of children
If swallowed, seek medical advice immediately and show this container or label.

Section 16. Other information

R – phrases	Harmful if swallowed.
Training advice	The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those indicated in Section 1 without first contacting the supplier and obtaining written handling instructions.
Recommended use restrictions	Keep out of reach of children. Contact Zinsser UK Ltd. for specific enquiries regarding the safe use and handling.
Further information	Key: STEL: Short term exposure limit. TLV: Threshold limit value ACGIH: American Conference of Governmental Industrial Hygienists. KU: Krebs Unit mg/m ³ or mgm ⁻³ : Milligram's per cubic metre N/A: Not Applicable N/D: Not Determined ppm: Parts per million. PEL: Permissible exposure limits TWA: Time weighted average. OEL: EH40/Occupational Exposure limits 2002 MAK: Maximale Arbeitsplatzkonzentrationen - Germany

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