

MATERIAL SAFETY DATA SHEET

ZOFF

MSDS No. 121

Hazardous Substance according to the Criteria of Worksafe Australia

COMPANY DETAILS

Company	Smith & Nephew Pty. Limited
Address	315 Ferntree Gully Road, Mount Waverley, Victoria 3149
Telephone No.	(03) 8540 6506
Emergency Tel. No.	(03) 8540 6506 (business hours)

IDENTIFICATION

Product Name	ZOFF
Other Names	None
Manufacturer's Product Code	36105120

Dangerous Goods Information

UN No. 1993	Class 3	Sub Risk -	Packing Grp III	Hazchem 3[Y]
Shipping Name	FLAMMABLE LIQUID, N.O.S. (ISOPARAFFIN 49%)			

Hazards Identification

Flammable liquid. Harmful, may cause lung damage if swallowed, from aspiration of the liquid into the lungs.

Poison Schedule	S5	Signal Word	CAUTION
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USE

Universal adhesive remover (adhesive tapes, dressings, acrylic adhesives).

PHYSICAL DESCRIPTION / PROPERTIES

Appearance and Odour	Colourless liquid, slight paraffinic & perfume odour.
Melting Point / Boiling Point	Melting Point: Not determined Boiling Point: >350°C
Vapour Pressure	<10 mmHg at 20 °C (aromatic hydrocarbon)
Specific Gravity	0.828
Flashpoint	46 °C (Closed Cup)
Flammability Limits (FL) (%)	Lower FL: 0.6% Upper FL: 6.5%
Solubility in Water (g/L)	Appreciably soluble in water.
Percent volatile by volume	>98%

Ingredients

Chemical Name	CAS No.	Proportion
Dipropylene Glycol Methyl Ether	34590-94-8	50% v/v
Isoparaffin C10-C11	Mixture	49% v/v
Aloe Extract	977023-61-2	1-2% v/v
Benzyl Alcohol	100-51-6	<1%
Butylated Hydroxyanisole	25013-16-5	<1%
Fragrance	Confidential	<0.1%

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HEALTH HAZARD INFORMATION

Health Effects

Acute	
Swallowed	Harmful, may cause lung damage if swallowed, from aspiration of the liquid into the lungs. It may cause gastrointestinal irritation and dizziness.
Eye	May cause temporary irritation by direct liquid contact with the eye. The vapour level at room temperature will not be sufficient cause any health problems.
Skin	Prolonged skin contact or repeated exposure not likely to cause significant skin irritation unless there was a pre-existing skin disorder. Symptoms may include redness and dryness.
Inhaled	Not directly harmful if inhaled. If the liquid is aspirated into the lungs it may cause chemical pneumonitis, which can be fatal. Hot vapours / mists may cause upper respiratory tract irritation.

Chronic	Chronic or repeated exposure may cause conjunctivitis of the eye, respiratory tract irritation, and defatting of the skin, leading to irritation and dermatitis.
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First Aid	
Swallowed	Do NOT induce vomiting. Give water, or 20-50 millilitres of an edible mineral oil. Get medical attention immediately.
Eye	Rinse eye with water for 15 minutes, whilst lifting eyelid. Get medical attention if effects persist.
Skin	Wash thoroughly with soap and water.
Inhaled	Move individual to fresh air. Seek medical attention if effects persist. Restore and/or support breathing as required.
First-Aid facilities	Eye wash plus normal washroom facilities nearby.
Advice to Doctor	Take care to avoid aspiration into the lungs if the patient vomits.

PRECAUTIONS FOR USE

Exposure Standards	Dipropylene Glycol Methyl Ether Time-Weighted Average: 100 ppm (606 mg/m ³) Short Term Exposure Limit: 150 ppm (909 mg/m ³) Isoparaffin C9-C11 Time-Weighted Average: 300 ppm (manufacturer's recommendation)
Engineering Controls	Provide good ventilation. Keep separate from ignition sources.
Personal Protection	Wear solvent resistant gloves (e.g. nitrile rubber) and eye protection. Avoid breathing vapours. An organic vapour respirator, meeting Australian Standard AS 1715/1716, may be required, if local exhaust is not available.
Flammability	Flammable liquid.

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SAFE HANDLING INFORMATION

<p>Storage and Transport</p>	<p>Store in a cool, well-ventilated area away from sources of ignition, heat, sparks, flames and strong oxidising agents.</p> <p>Transport in accordance with the Australian Code for Transport of Dangerous Goods.</p> <p>Store in accordance with Dangerous Goods (Storage & Handling) Regulations and; according to AS1940: Australian Standard for the Storage and Handling of Flammable and Combustible Liquids.</p> <p>Labelling: the labelling required if decanted in the workplace as a Workplace Hazardous Substance is:</p> <p>Hazard Category: FLAMMABLE, HARMFUL</p> <p>R10 Flammable</p> <p>R65 Harmful: may cause lung damage if swallowed.</p> <p>S16 - Keep away from ignition sources - No smoking.</p> <p>S37 - Wear suitable gloves and eye/face protection.</p> <p>S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.</p> <p>S26 - In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.</p> <p>S28 - After contact with skin, wipe off, then wash immediately with plenty of soap and water.</p> <p>NOTE: Labelling for Workplace Hazardous Substance is not required when labelled and sold as a Scheduled Poison.</p> <p>Label in accordance with the Australian Code for Transport of Dangerous Goods by Road and Rail.</p> <p>Scheduled Poison labelling required – Signal Word CAUTION.</p>
<p>Spills and Disposal</p>	<p>Eliminate sources of ignition. Stop source of spill. Prevent from entering sewer, drains or other bodies of water.</p> <p>Absorb spill with sand or vermiculite and place in a sealed, labelled container for disposal.</p> <p>Dispose of in accordance with local waste regulations. May be incinerated in an approved facility.</p>

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SAFE HANDLING INFORMATION (cont.)

Fire or Explosion Hazard	<p>Flammable. Never use sources of ignition near the container.</p> <p>Extinguishing Media: Water spray, dry chemical foam, carbon dioxide.</p> <p>Fire-fighting Procedures: Wear self-contained breathing apparatus.</p> <p>Fire Decomposition Products: include carbon dioxide and carbon monoxide.</p>
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OTHER INFORMATION

Stability and Reactivity	<p>Stable at room temperature.</p> <p>Conditions to Avoid: Heat and ignition sources.</p> <p>Incompatible Materials: Avoid contact with strong oxidising agents.</p> <p>Hazardous Decomposition Products: Carbon monoxide.</p> <p>Hazardous Polymerisation: Will not occur.</p>
Environmental Issues	<p>A slightly water polluting substance. Avoid release to sewers and watercourses.</p>

CONTACT POINT :	REGULATORY AFFAIRS	Telephone: (03) 8540 6506
Date of Issue:	14 October 2002	
<p>This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.</p>		