
MATERIAL SAFETY DATA SHEET

ZOFF**MSDS No. 121**

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product

Product Name ZOFF
Other Names None
Manufacturer's Product Code 36105120
Use Adhesive remover. To clean all types of adhesive residue from the skin, including hydrocolloids, acrylics and rubber based adhesives.

Supplier

Company Smith & Nephew Pty. Limited
Address 315 Ferntree Gully Road, Mount Waverley, Victoria 3149
Telephone No. Customer Service:
(03) 8540 6777
Toll Free (Australia): 13 13 60
Toll Free (New Zealand): 0800 807 663
Emergency Tel. Nos. (03) 8540 6777 (business hours)

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE. DANGEROUS GOODS.
Hazards Overview Flammable liquid. Harmful, may cause lung damage if swallowed, from aspiration of the liquid into the lungs.
Classified as a Schedule 5 Poison.

Risk Phrases If decanted in the workplace as a Workplace Hazardous Substance:

R10 Flammable
R65 Harmful: may cause lung damage if swallowed.

Hazard Category: FLAMMABLE, HARMFUL

Note: Labelling for Workplace Hazardous Substance is not required when labelled and sold as a Scheduled Poison.

Safety Phrases

- S16 - Keep away from ignition sources - No smoking.
- S37 - Wear suitable gloves and eye/face protection.
- S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- S26 - In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.
- S28 - After contact with skin, wipe off, then wash immediately with plenty of soap and water.

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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Proportion
Dipropylene Glycol Methyl Ether	34590-94-8	30-60% v/v
Isoparaffin C10-C11	64742-48-9	30-60% v/v
Aloe Extract	85507-69-3	<10% v/v
Benzyl Alcohol	100-51-6	<1%
Fragrance	Confidential	<0.1%

SECTION 4 – FIRST AID MEASURES

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 immediately.
Skin	Wash with soap and water. Remove contaminated clothing.
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.

SECTION 5 – FIRE FIGHTING MEASURES

Hazards From Combustion Products	This product is flammable and hazardous combustion products may be toxic and or irritating fumes / compounds. Never use sources of ignition near the container. Fire decomposition products include carbon dioxide, carbon monoxide and hydrocarbons.
Suitable Extinguishing Media	Water spray, dry chemical foam, carbon dioxide.
Fire-fighting Procedures	Wear self-contained breathing apparatus. Do not release run-off to sewers or waterways. Water spray can be used to cool fire-exposed containers. Vapours are heavier than air and may travel a long distance to an ignition source and flashback.
Hazchem Code	3[Y]

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill / Leak Procedure Eliminate sources of ignition. Stop source of spill. Prevent from entering sewer, drains or other bodies of water.

Absorb spill with sand or vermiculite and place in a sealed, labelled container for disposal.

SECTION 7 – HANDLING AND STORAGE

Handling Advice Avoid prolonged skin and eye contact. Avoid breathing vapours.

Storage Advice Store in a cool (<25°C), well-ventilated area away from sources of ignition, heat, sparks, flames and strong oxidising agents.

Store in accordance with Dangerous Goods (Storage & Handling) Regulations and according to AS 1940: Australian Standard for the Storage and Handling of Flammable and Combustible Liquids.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards **Dipropylene Glycol Methyl Ether**
TWA 100 ppm (606 mg/m³) STEL 150 ppm (909 mg/m³)

Isoparaffin C10-C11
TWA 300 ppm (manufacturer's recommendation)

Engineering Controls Provide good general ventilation. Keep separate from ignition sources.

Personal Protection Avoid prolonged skin contact and avoid breathing vapours. Wash thoroughly after handling. DO NOT get into eyes. DO NOT swallow.

When working with small quantities in a well-ventilated area, protective clothing/equipment may not be required. For prolonged use and/or use of larger quantities of product, it may be advisable to wear solvent resistant gloves (e.g. nitrile rubber) and eye protection. An organic vapour respirator, meeting AS/NZS 1715/1716 may be required if local exhaust is not available.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour	Colourless liquid, slight paraffinic & perfume odour.	
Melting Point / Boiling Point	Melting Point:	Not determined
	Boiling Point:	>177°C
Vapour Pressure	<10 mmHg at 20°C (aromatic hydrocarbon)	
Vapour Density (Air=1)	>1	
Specific Gravity	0.83	
Flashpoint	46°C (Closed Cup)	
Flammability Limits (FL) (%)	Lower FL: 0.6%	Upper FL: 6.5%
Autoignition Temperature	Not determined.	
Solubility in Water (g/L)	Appreciably soluble in water.	
Percent volatile by volume	Not determined.	

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable at room temperature.
Conditions to Avoid	Heat and ignition sources.
Incompatible Materials	Avoid contact with strong oxidising agents and strong acids.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, hydrocarbons.
Hazardous Polymerisation	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Effects

Swallowed	Harmful. It may cause gastrointestinal irritation, dizziness, low blood pressure and kidney damage.
Eye	May cause temporary irritation by direct liquid contact with the eye. Soft contact lenses may concentrate irritants. The vapour level at room temperature will not be sufficient cause any health problems.
Skin	Prolonged skin contact or repeated exposure is not likely to cause significant skin irritation unless there was a pre-existing skin disorder. Symptoms may include redness, dryness and skin cracking.
Inhaled	If inhaled, respiratory tract irritation and asthma-like conditions may result. If the liquid is aspirated into the lungs it may cause chemical pneumonitis, which can be fatal.

Chronic Effects	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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SECTION 12 – ECOLOGICAL INFORMATION

Environmental Issues	A slightly water polluting substance. Avoid release to sewers and watercourses.
Persistence & Degradability	Not available.
Mobility	Not available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Method of Disposal	Absorb spill with sand or vermiculite and place in a sealed, labelled container for disposal. Dispose of in accordance with local waste regulations. May be incinerated in an approved facility.
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SECTION 14 – TRANSPORT INFORMATION

Classification	Classified as a Dangerous Good according to the Australian Code for Transport of Dangerous Goods by Road and Rail.
UN No.	1993
Class	3
Subsidiary Risk(s)	-
Packing Group	III
Hazchem Code	3[Y]
Shipping Name	FLAMMABLE LIQUID, N.O.S. (ISOPARAFFIN)
Other	Transport and label in accordance with the Australian Code for Transport of Dangerous Goods by Road and Rail.

SECTION 15 – REGULATORY INFORMATION

Poison Schedule	Classified as a Schedule 5 Poison in accordance with the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
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Signal word CAUTION.

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SECTION 16 – OTHER INFORMATION

CONTACT POINT :	CUSTOMER SERVICE	Telephone: (03) 8540 6777
Date of Issue:	20 November 2013	
<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>		

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