
SAFETY DATA SHEET

UNISOLVE ADHESIVE REMOVER WIPES

SDS No. 08 Rev0

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Identifier

Product Identity	UniSolve Adhesive Wipes
Alternate Names	-
Manufacturer's Product Code	402300

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Use	Universal adhesive remover (adhesive tapes, dressings, acrylic adhesives).
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1.3 Details of the Supplier of the Safety Data Sheet

Company Name	Smith & Nephew Pty Limited
Address	85 Waterloo Road, North Ryde, NSW 2113
Telephone No.	Customer Service: (02) 9857 3999 Toll Free (Australia): 13 13 60 Toll Free (New Zealand): 0800 807 663
Emergency Tel. Nos.	02) 9857 3999 (business hours)

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Liq. 2;H225	Highly Flammable liquid and vapor.
Eye Irrit. 2;H319	Causes serious eye irritation.
STOT SE 3;H336	May cause drowsiness or dizziness.

2.2 Label Elements

Using the Toxicity Data listed the product is labelled as follows.



Pictogram:

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Signal Word: Danger**Hazard Statements:**

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

Precautionary Statements:**[Prevention]:**

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P233 Keep container tightly closed.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P337+313 If eye irritation persists: Get medical advice / attention.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:

P403+235 Store in a well ventilated place. Keep cool.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance/ Mixture: Mixture

Chemical Name/Chemical Designations	Weight %	GHS Classification
Isopropyl Alcohol CAS Number: 67-63-0	25-50	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336

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Hydrotreated heavy naphtha (petroleum) CAS Number: 64742-48-9	25- 50	Asp. Tox. 1;H304
(2-methoxymethylethoxy)propanol CAS Number: 34590-94-8	25-50	Not Classified
Aloe Extract CAS Number: 85507-69-3	<1	Not Classified
Fragrance	<0.1	Not Classified

The full texts of the phrases are shown in Section 16.

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Overview	Primary Entry Routes: Inhalation, Eyes, Skin, Ingestion Target Organs: Kidney
Acute Effects	Inhalation: Upper respiratory tract irritation, asthma-like conditions. Eye: Irritation, stinging, redness and swelling. Soft contact lens may concentrate irritants. Skin: Redness, drying, & cracking. Ingestion: Gastrointestinal irritation, dizziness, low blood pressure, & kidney damage.
Carcinogenicity	This material is not known to have carcinogenic properties.
Medical Conditions	
Aggravated by	
Long-Term Exposure	Eye or skin irritation, respiratory conditions.

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Chronic Effects None Known

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Water spray, carbon dioxide, dry chemical foam

5.2 Special Hazards Arising from the Substance or Mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Avoid breathing dust / fume / gas / mist / vapors / spray.

Do not get in eyes, or on clothing.

5.3 Advice for Fire-Fighters

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

Wear self-contained breathing apparatus and protective clothing.

Do not release runoff from fire control methods to sewers or waterways.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.2 Environmental Precautions

Do not allow spills to enter drains or waterways.

6.3 Methods and Material for Containment and Cleaning Up

Eliminate ignition sources. Stop source of spill. Pump spilled liquid into clean container.

Eliminate ignition sources. Soak up with noncombustible absorbent material. Remove absorbent material for proper disposal.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid prolonged skin contact. Wash thoroughly after handling. Do not get into eyes. Do not swallow. See section 2 for further details. - [Prevention]:

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

Store in a cool ($\leq 25^{\circ}\text{C}$), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames.

See section 2 for further details. - [Storage]:

7.3 Specific End Use(s)

No data available

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Exposure

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CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	NOHSC/HSIS	TWA 400ppm (983mg/m ³) STEL 500ppm
		OSHA	TWA 400 ppm (980 mg/m ³) STEL 500 ppm
		ACGIH	TWA: 200 ppm STEL: 400 ppm Revised 2003
		NIOSH	TWA 400 ppm (980 mg/m ³) ST 500 ppm (1225 mg/m ³)
		Supplier	No Established Limit
34590-94-8	(2-methoxymethyl ethoxy)propanol	NOHSC/HSIS	TWA 50ppm (308 mg/m ³)
		OSHA	TWA 100 ppm (600 mg/m ³) [skin]
		ACGIH	TWA: 100 ppm STEL: 150 ppm Skin
		NIOSH	TWA 100 ppm (600 mg/m ³) ST 150 ppm (900 mg/m ³) [skin]
		Supplier	No Established Limit
64742-48-9	Hydrotreated heavy naphtha (petroleum)	NOHSC/HSIS	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
85507-69-3	Aloe Extract	NOHSC/HSIS	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl Alcohol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0034590-94-8	(2-methoxymethyl ethoxy)propanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-48-9	Hydrotreated heavy naphtha (petroleum)	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

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8.2 Exposure Controls

Respiratory	None required for normal use.
Eyes	None required for normal use.
Skin	None required for normal use.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Colorless Liquid
Odor	Fruity
Odor threshold	Not determined
pH	Not determined
Melting point / freezing point	Not determined
Initial boiling point and boiling range	76°C
Flash Point	17°C TCC
Evaporation rate (Ether = 1)	1.149 (nBuAc = 1)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not determined Upper Explosive Limit: Not determined
Vapor pressure (Pa)	10 mmHg @ 20°C
Vapor Density	Not determined
Specific Gravity	0.81 @ 25°C (H2O = 1)
Solubility in Water	Partly Miscible
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not determined
Decomposition temperature	Not available
Viscosity (cSt)	Not determined
VOC Content	Not available
Refractive Index	1.403 @ 25°C

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9.2 Other Information

No other relevant information.

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous Polymerization will not occur.

10.2 Chemical Stability

Stable under normal circumstances.

10.3 Possibility of Hazardous Reactions

No data available.

10.4 Conditions to Avoid

Avoid excessive heat, open flames and all ignition sources.

10.5 Incompatible Materials

Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

10.6 Hazardous Decomposition Products

Oxides of Carbon, Hydrocarbons

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

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Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Isopropyl Alcohol - (67-63-0)	4,710.00, Rat - Category: 5	12,800.00, Rat - Category: NA	72.60, Rat - Category: NA	No data available	No data available
Hydrotreated heavy naphtha (petroleum) - (64742-48-9)	5,000.00, Rat - Category: 5	3,160.00, Rabbit - Category: 5	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol - (34590-94-8)	3,500.00, Rat - Category: 5	19,000.00, Rabbit - Category: NA	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

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SECTION 12 – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Toxic to aquatic life.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Isopropyl Alcohol – (67-63-0)	1,400.00, Lepomis macrochirus	100.00, Daphnia magna	100.00 (72 hr), Scenedesmus subspicatus
Hydrotreated heavy naphtha (petroleum) - (64742-48-9)	2,200.00, Pimephales promelas	2.60, Chaetogammarus marinus	Not Available
(2-methoxymethylethoxy)propanol - (34590-94-8)	10,000.00, Pimephales promelas	1,919.00, Daphnia magna	969.00 (72 hr), Algae

12.2 Persistence and Degradability

There is no data available on the preparation itself.

12.3 Bioaccumulative Potential

Not Measured

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6 Other Adverse Effects

No data available

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SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Place in a sealed, labelled container for disposal. Dispose of in accordance with local waste regulations. Where several wipes have been opened and used, place in a sealed, labelled container for later disposal. May be incinerated in an approved facility. May be left to evaporate in a controlled place with no ignition sources.

Used wipes to be disposed of in accordance with the local authority's infectious waste requirements.

SECTION 14 – TRANSPORT INFORMATION

Exempt from regulation under Australian Dangerous Goods Code (7th Edition), Special Provision 216.

14.1 UN Number	UN3175
14.2 UN Proper Shipping Name	UN3175, Solids containing flammable liquid, n.o.s., (Isopropyl Alcohol), 4.1, II
14.3 Transport Hazard Class	4.1
14.4 Packing Group	II
14.5 Environmental Hazard	
IMDG	Marine Pollutant: No
14.6 Special Precautions for User	No further information

SECTION 15 – REGULATORY INFORMATION

Poison Schedule Not a Scheduled Poison.

SECTION 16 – OTHER INFORMATION

The full text of the phrases appearing in section 3 is:

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H225 Highly flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information and recommendations contained herein are based upon data believed to be correct and in accordance with the requirements of the Work Health and Safety Regulations. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information is provided specifically in order to assist users of the product to make their assessment of health risks. Provision of this information does not preclude users from seeking advice from other sources. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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REVISION HISTORY

Revision Number	Description of Change	Effective Date
0	New Issue in GHS format	20-12-2016