

Safety Data Sheet

According to Hazard Communication Standard (29 CFR 1910.1200)
REMOVE (25 language) Wipes / UNISOLVE Wipes / ZOFF Wipes F-57

1. Identification			
Product name	REMOVE (25 language) Wipes / UNISOLVE Wipes / ZOFF Wipes F-57		
Synonyms	-		
CAS #	See section 3		
Product use	Adhesive Remover		
Manufacturer/Supplier			
Supplier(Manufacturer):	Smith & Nephew, Inc. Advanced Wound Management		
Address:	4900 West Vickery Boulevard Fort Worth, TX 76107 USA		
Contact Details:	For telephone and email contacts: Telephone: 800.876.1261 (Toll Free) https://www.smith-nephew.com/professional/contact-us-choice/contact-us-awm/		
Emergency telephone Number:	Chemtrec: 1-800-424-9300; 1-703-741-5970		
2. Hazard(s) identification			
GHS classification			
	Physical hazards	Flammable liquids	Category 2
	Health hazards	Aspiration hazard	Category 1
		Eye damage/ irritation	Category 2A
		Germ cell mutagenicity	Category 1B
		Carcinogenicity	Category 1B
		Specific target organ toxicity (single exposure)	Category 3
	Environmental hazards	Not classified	
GHS label elements			
Hazard Pictograms			
Signal word	Danger		
Hazard statement	Highly flammable liquid and vapor. May be fatal if swallowed and enters airways Causes serious eye irritation. May cause genetic defects May cause cancer. May cause drowsiness or dizziness.		
Precautionary statement			
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.		

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	Avoid breathing dust/fume/ gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection.	
Response	If swallowed: Immediately call a poison center /doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center /doctor if you feel unwell. Do NOT induce vomiting. If eye irritation persists: Get medical advice/attention. In case of fire: Use carbon dioxide, foam, dry chemical powder to extinguish.	
Storage	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.	
Disposal	Dispose of contents/container in accordance with local regulation.	
Other hazards	Not available.	
3. Composition / information on ingredients		
Components	CAS#	Percent
Naphtha (petroleum), hydrotreated heavy	64742-48-9	33.38%
Isopropanol; propan-2-ol	67-63-0	33.38%
4. First-aid Measures		
First aid procedures		
Eye contact	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention. Remove contact lenses, if present and easy to do. If eye irritation persists get medical advice / attention.	
Skin contact	Wash skin thoroughly with soap and water If skin irritation occurs get medical advice / attention.	
Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration.	
Ingestion	Never give anything by mouth to an unconscious person. If victim is conscious drink plenty of water or milk. DO NOT induce vomiting. Get immediate medical advice / attention. Caution if victim vomits – risk of aspiration.	
Notes to physician	Treat symptoms.	
5. Fire-fighting measures		
Flammable properties	Not available.	
Extinguishing media		
Suitable extinguishing media	Carbon dioxide, foam, dry chemical powder.	
Unsuitable extinguishing media	Do not use water jet as it may cause fire to spread.	
Firefighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.	
Hazardous combustion products	Highly toxic gases / vapours, oxides of carbon, hydrocarbons.	
6. Accidental release measures		
Personal precautions	Clean up small spills mechanically. Wash hands before eating, drinking, smoking or using toilet.	
Environmental precautions	Notify environmental authorities if large amounts of product enters drains.	
Methods for cleaning up	In event of release of product (liquid) remove from the water surface (eg skimming, sucking). Clean up wipes, cartons etc mechanically. Soak up liquid	

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	with non-combustible absorbent material with proper disposal. Mop or wipe up small spills. Ventilate area to dissipate vapours. Eliminate ignition sources. Soak up with non-combustible absorbent material. Remove absorbent material for proper disposal.			
7. Handling and storage				
Handling		Avoid prolonged skin contact. Do not get into eyes, do not ingest. For product use, follow product instructions, avoid breathing vapours, spray. Avoid prolonged skin contact, wash thoroughly after handling. Do not get into eyes.		
Storage		Store in a well-ventilated place. Keep away from naked flames and smoking should not be permitted in storage areas. Store in a cool ($\leq 77^{\circ}\text{F}$ / 25°C), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames.		
8. Exposure controls / personal protection				
Control parameters:				
Occupational exposure limits				
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)				
Components		Type	Value	
Isopropanol; propan-2-ol (CAS 67-63-0)		PEL	980 mg/m3 400 ppm	
US. ACGIH Threshold Limit Values				
Components		Type	Value	
Isopropanol; propan-2-ol (CAS 67-63-0)		STEL	400 ppm	
		TWA	200 ppm	
US. NIOSH: Pocket Guide to Chemical Hazards				
Components		Type	Value	
Isopropanol; propan-2-ol (CAS 67-63-0)		STEL	1225 mg/m3 500 ppm	
		TWA	980 mg/m3 400 ppm	
Biological limit values				
ACGIH Biological Exposure Indices				
Components	Value	Determinant	Specimen	Sampling Time
Isopropanol; propan-2-ol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*
* - For sampling details, please see the source document.				
Appropriate engineering controls:		Use in a well-ventilated area.		
Individual protection measures, such as personal protective equipment:				
Eye / face protection		When working in a well-ventilated area with small quantities, protective equipment may not be required.		
Skin protection		When working with small quantities in a well-ventilated area, protective clothing/equipment may not be required.		
Respiratory protection		Provide good adequate ventilation by use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations below occupational exposure limits, wear suitable respiratory protection		
General hygiene considerations		Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.		
9. Physical and chemical properties				
Appearance				
Physical state		Liquid		

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Form	Liquid
Color	Not available
Odor	Slight Paraffinic
Odor threshold	Not available
pH	Not available
Vapor pressure	10mmHg @ 20°C
Vapor density	Not available
Boiling point	169°F / 76°C
Melting point/Freezing point	Not available
Solubility (water)	Negligible
Relative density	0.81 @ 25°C
Flash point	63°F / 17°C
Partition coefficient	Not available
Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Auto-ignition temperature	Not available
VOC	Not available
Percent volatile	Not available
Molecular Formula	Not available
Molecular Weight	Not available
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Other data	
Viscosity	Not available
Dissociation constant	Not available
Evaporation rate (Ether = 1)	1.149(nBuAc = 1)
Refractive Index	1.403@25°C
10. Stability and reactivity	
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials. Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Incompatible materials	Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.
Hazardous decomposition products	On burning, release of highly toxic gases / vapours, oxides of carbon, hydrocarbons.
Possibility of hazardous reactions	No dangerous reactions known.
11. Toxicological information	
Toxicokinetics, metabolism and distribution:	
Non-human toxicological data:	Not available
Information on toxicological effects:	
Acute toxicity:	
Isopropanol; propan-2-ol (CAS#67-63-0)	
LD50(Oral, Rat):	5.84 g/kg body weight
LD50(Dermal, Rabbit):	16.4 mL/kg bw
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	May cause genetic defects
Carcinogenicity:	May cause cancer.
Reproductive toxicity:	Not classified
STOT- single exposure:	May cause drowsiness or dizziness.
STOT-repeated exposure:	Not classified

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Aspiration hazard:		May be fatal if swallowed and enters airways.					
12. Ecological information							
Toxicity: Isopropanol; propan-2-ol (CAS#67-63-0)							
	Acute toxicity	Time	Species	Method	Evaluation	Remarks	
	LC50	10 000 mg/L	96h	Fish	OECD 203	N/A	N/A
	EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
	EC50	N/A	72h	Algae	OECD 201	N/A	N/A
Persistence and degradability:		Not available.					
Bioaccumulative potential:		Not available.					
Mobility in soil:		Not available.					
Results of PBT&vPvB assessment:		Not available.					
Other adverse effects:		No known significant effects or critical hazards.					
13. Disposal considerations							
Disposal instructions		Dispose of contents/container in accordance with local/regional/national/international regulations.					
Contaminated packaging		Since emptied containers may retain product residue, follow label warnings even after container is emptied.					
14. Transport information							
NOTE: The product does not contain free liquid and is transported as non-dangerous goods.							
DOT							
Basic shipping requirements:							
UN number		UN3175					
Proper shipping name		Solids containing flammable liquid, n.o.s.					
Hazard class		4.1					
Packing group		II					
Environmental hazards		No					
IATA							
UN number		UN3175					
UN proper shipping name		Solids containing flammable liquid, n.o.s. (Isopropanol; propan-2-ol)					
Transport hazard class(es)		4.1					
Packing group		II					
Environmental hazards		No					
IMDG							
UN number		UN3175					
UN proper shipping name		Solids containing flammable liquid, n.o.s. (Isopropanol; propan-2-ol)					
Transport hazard class(es)		4.1					
Packing group		II					
Environmental hazards		No					
15. Regulatory information							
US federal regulations							
Toxic Substances Control Act (TSCA)							
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)							
Not regulated.							
CERCLA Hazardous Substance List (40 CFR 302.4)							
Isopropanol; propan-2-ol (CAS 67-63-0)		Listed.					
SARA 304 Emergency release notification							
Not regulated.							
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)							
Not listed.							
Superfund Amendments and Reauthorization Act of 1986 (SARA)							
SARA 302 Extremely hazardous substance							
Not listed.							

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SARA 311/312 Hazardous chemical	No	
SARA 313 (TRI reporting)		
Chemical name	CAS number	% by wt.
Isopropanol; propan-2-ol	67-63-0	33.38%
Other federal regulations		
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List		
Not regulated.		
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)		
Not regulated.		
Safe Drinking Water Act (SDWA)	Not regulated.	
FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace		
Isopropanol; propan-2-ol (CAS 67-63-0)	Low priority	
US state regulations		
California Proposition 65		
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))		
Isopropanol; propan-2-ol (CAS 67-63-0) Naphtha (petroleum) hydrotreated heavy (CAS 64742-48-9)		
16. Other information, including date of preparation or last revision		
HMIS®ratings	Health: 4 Flammability: 3 Physical hazard: 0	
NFPA ratings	Health:4 Flammability: 3 Instability: 0	
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.	

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