

Safety Data Sheet

According to Hazard Communication Standard (29 CFR 1910.1200)

REMOVE / REMOVE (Canada) Adhesive Remover F-51

1. Identification		
Product name	<i>REMOVE / REMOVE (Canada) Adhesive Remover F-51</i>	
Synonyms	-	
CAS #	See section 3	
Product use	Topical 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 3
Health hazards	Aspiration hazard	Category 1
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1B
Environmental hazards	Not classified	
GHS label elements		
Hazard Pictograms		
Signal word	Danger	
Hazard statement	Flammable liquid and vapor May be fatal if swallowed and enters airways May cause genetic defects May cause cancer.	
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. Wear protective gloves/protective clothing/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. In case of fire: Use carbon dioxide, foam, dry chemical powder to extinguish.	

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	If exposed or concerned: Get medical advice/attention. Do NOT induce vomiting.	
Storage	Store in a well-ventilated place. Keep cool. 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	48.575%
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	In case of fire wear self-contained breathing apparatus.	
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 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	Open and handle container with care. Handle empty containers with care as residual vapours are flammable. 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 ($\leq 77^{\circ}\text{F} / 25^{\circ}\text{C}$), dry, well-ventilated area away from strong	

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	oxidizing agents, sources of heat, sparks, and open flames.
8. Exposure controls / personal protection	
Control parameters:	
Occupational exposure limits	This substance has no PEL, TLV, or other recommended exposure limit.
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls:	Use in a well-ventilated area.
Individual protection measures, such as personal protective equipment:	
Eye / face protection	None required for normal use.
Skin protection	When working with small quantities in a well-ventilated area, protective clothing/equipment may not be required. Wear nitrile or similar chemical resistant gloves to keep skin contact to a minimum.
Respiratory protection	When working with small quantities in a well-ventilated area, respiratory protection may not be required. Adequate ventilation is essential for use of the product.
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
Form	Liquid
Color	Not available
Odor	Slight Paraffinic
Odor threshold	Not available
pH	3.8 @ 20°C
Vapor pressure	< 10 mmHg
Vapor density	Not available
Boiling point	>350°F /> 177°C
Melting point/Freezing point	Not available
Solubility (water)	Soluble
Relative density	>1
Flash point	114°F / 45.6°C TCC
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
Refractive Index	1.416@ 25°C
Lower Explosive Limit	0.6
Upper Explosive Limit	6.5

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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.					
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: Naphtha (petroleum),hydrotreated heavy (CAS#64742-48-9)							
LD50(Oral, Rat):		> 5 000 mg/kg bw					
LD50(Dermal, Rabbit):		> 2 000 mg/kg bw					
LC50(Inhalation, Rat):		> 7 630 mg/m ³ ,4H					
Skin corrosion/Irritation:		Not classified					
Serious eye damage/irritation:		Not classified					
Respiratory or skin sensitization:		Not classified					
Germ cell mutagenicity:		May cause genetic defects					
Carcinogenicity:		May cause cancer.					
Reproductive toxicity:		Not classified					
STOT- single exposure:		Not classified					
STOT-repeated exposure:		Not classified					
Aspiration hazard:		May be fatal if swallowed and enters airways.					
12. Ecological information							
Toxicity: Naphtha (petroleum),hydrotreated heavy (CAS#64742-48-9)							
	Acute toxicity	Time	Species	Method	Evaluation	Remarks	
	LL50	10 mg/L	96h	Fish	OECD 203	N/A	N/A
	EL50	4.5 mg/L	48h	Daphnia	OECD 202	N/A	N/A
	EL50	3.1 mg/L	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							
DOT							
Basic shipping requirements:							
UN number		UN1268					
Proper shipping name		PETROLEUM DISTILLATES, N.O.S.(Naphtha (petroleum),hydrotreated heavy)					
Hazard class		3					
Packing group		III					
Environmental hazards		No					

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IATA	
UN number	UN1268
UN proper shipping name	PETROLEUM DISTILLATES, N.O.S.(Naphtha (petroleum),hydrotreated heavy)
Transport hazard class(es)	3
Packing group	III
Environmental hazards	No
IMDG	
UN number	UN1268
UN proper shipping name	PETROLEUM DISTILLATES, N.O.S.(Naphtha (petroleum),hydrotreated heavy)
Transport hazard class(es)	3
Packing group	III
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)	
Not 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.	
SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Flammable (gases, aerosols, liquids, or solids) Germ cell mutagenicity Carcinogenicity Aspiration hazard
SARA 313 (TRI reporting)	Not regulated.
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.
US state regulations	
California Proposition 65	
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))	
Naphtha (petroleum),hydrotreated heavy (CAS 64742-48-9)	
16. Other information, including date of preparation or last revision	
HMIS®ratings	Health: 4 Flammability:2 Physical hazard: 0
NFPA ratings	Health:4 Flammability: 2 Instability: 0
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.

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