

PRODUCT SAFETY DATA SHEET

According to EC directive 91/155/EEC and subsequent amendments

Appeel Sterile Adhesive Remover Sachet

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade Name	Appeel Sterile Adhesive Remover Sachet (Product code 3510-10 and 3510-20)
Company Name	CliniMed Ltd Cavell House, Knave Beech Way, Loudwater, High Wycombe, Bucks, HP10 9QY
Emergency Phone Number	Tel: +44 (0) 01628 850100 Mob: +44 (0) 07771 372395

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hexamethyldisiloxane	EC No 203-492-7	Cas No 107-46-0
Octamethyltrisiloxane	EC No 203-497-4	Cas No 107-51-7
Cyclomethicone	EC No 208-764-9	Cas No 541-02-6

3. HAZARDS IDENTIFICATION

The principal hazards of the product as supplied are:

Highly flammable.
Toxic to aquatic organisms.
Vapours may form explosive mixtures with air.

4. FIRST AID MEASURES

On contact with eyes	:	No first aid should be needed, if irritation occurs flush with water and seek medical attention.
On skin contact	:	No first aid should be needed, allow to evaporate or wipe off.
If inhaled	:	Remove to fresh air.
On ingestion:	:	No first aid should be needed. If symptoms occur seek medical attention.

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media	:	On large fires use AFFF alcohol compatible foam or water spray (fog). On small fires use AFFF alcohol compatible foam, CO ₂ or water spray (fog).
Unsuitable extinguishing media	:	None known
Hazards during fire fighting	:	Solvents burn vigorously.
Special protective equipment / procedures	:	For a large fires (involving a large number of sachets) wear full protective equipment and self contained breathing apparatus.
Hazardous combustion products	:	Very small amounts of formaldehyde and silica.
Additional comments:		This data sheet is applicable to the 5ml sachet or cartons of up to 50sachets (0.25l fluid in total) as such the fire risk will be seen to be much lower than when handling bulk amounts of the raw material fluid.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Ensure all sources of ignition are removed before use. In the event of large spillage (over 0.1litres, i.e. 20 sachets) soak up spillage with absorbent materials and place residue in a lidded metal container. Dispose of in accordance with local regulations. Small spillages may be allowed to evaporate.
Precautions to protect the environment	:	Do not empty into drains
Methods for cleaning up	:	For large spillage use absorbent materials and dispose of residue in accordance with local regulations. Be aware the spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE

Advice on safe handling	:	Use product away from sources of ignition Ensure reasonable ventilation when using the product.
Advice on storage	:	Store in a cool area away from sources of ignition
Specific uses	:	As a medical adhesive remover.
Unsuitable packing material	:	Keep in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Engineering controls : Not applicable; individual product contains only 5ml fluid.

Exposure controls for hazardous components

Name	CAS-No.	Exposure limit
Hexamethyldisiloxane	107-46-0	200 ppm (8h TWA) Supplier recommendation

Personal protection equipment

Respiratory protection : In normal use conditions, airborne exposures are not expected to be high.

Hand protection : Not required in normal use.

Eye protection : Avoid contact with eyes.

Skin protection : In normal use protection not required.

Hygiene measures : Exercise normal good housekeeping by washing hands after use before eating food. Keep away from food.

Environmental exposure controls : Refer to section 6 and 12

Additional information :

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Liquid **Colour:** Colorless **Odour:** Low odour

Other data

Boiling point/range : 100°C

Melting point/range : -68°C

Flash point : -3.3°C (Pensky-Martins Closed Cup)

Lower flammable limits : 1.5%

Autoignition temperature : 352 deg centigrade

Explosive properties : None

Oxidizing properties : none

The above information is not intended for use in preparing product specifications.

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10. STABILITY AND REACTIVITY

Stability	:	Stable under normal use conditions
Conditions to avoid	:	None established
Materials to avoid	:	Strong oxidising agents
Hazardous decomposition Products	:	See Section 11

11. TOXICOLOGICAL INFORMATION

On contact with eyes	:	May cause temporary discomfort.
On skin contact	:	No adverse effects are normally expected.
If inhaled	:	No adverse effects are normally expected.
On ingestion	:	No adverse effects are normally expected.
Other Health Hazard Information	:	Highly flammable

12. EXOLOGICAL INFORMATION

Environmental fate and distribution

Low molecular weight volatile siloxanes have a very low water solubility and evaporate to air. Low molecular weight volatile siloxanes in air are degraded by reaction with hydroxyl radicals, which is the dominant degradation process for most chemicals in the atmosphere. Low molecular weight volatile siloxanes in soil are removed by several simultaneously occurring processes including volatilisation, hydrolysis and clay-catalysed degradation. This product hydrolyses in water releasing silanols.

Ecotoxicity effects

Very toxic to aquatic organisms

Bioaccumulation	:	Low molecular weight volatile siloxanes bioconcentrate in fish exposed under controlled laboratory conditions that are not representative of conditions found in the environment.
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Fate and effects in waste water treatment plants

No adverse effects on bacteria are predicted. The siloxanes in this product do not contribute to the BOD. Low molecular weight volatile siloxanes are efficiently removed (>90%) during wastewater treatment with approximately equal amounts going to atmosphere and the sludge. Low molecular weight volatile siloxanes in treated wastewater effluent will be bound to particulate matter because of very low water solubility.

13. DISPOSAL CONSIDERATIONS

Product disposal	:	For low numbers of sachets dispose of in accordance with local regulations for domestic waste, large amounts should be disposed of as hazardous waste in accordance with local regulations.
Packaging disposal	:	Dispose of in accordance with local regulations.

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14. TRANSPORT INFORMATION

Road (ADR)

UN No. : 1993
 Proper Shipping Name : Flammable liquid, n.o.s (Hexamethyldisiloxane)
 Class : 3
 Packing group : II

Sea transport (IMDG)

UN No. : 1993
 Proper Shipping Name : Flammable liquid, n.o.s (Hexamethyldisiloxane)
 Class : 3
 Packing group : II

Air transport (IATA)

UN No. : 1993
 Proper Shipping Name : Flammable liquid, n.o.s (Hexamethyldisiloxane)
 Class : 3
 Packing group : II

15. REGULATORY INFORMATION

Labeling according to EEC Directive

Symbols :

F Highly flammable.



N Dangerous for the environment.



R-phrases : R11 Highly flammable.

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S-phrases	: R50 Very toxic to aquatic organisms. S16 Keep away from sources of ignition – no smoking. S23 (S) Do not breathe spray. S33 Take precautionary measures against static discharges. S51 Use only in well-ventilated areas.
National legislation / regulations	
Ozone depleting Chemicals	: No ozone depleting chemicals are present or used in manufacture.
Status	
EINECS	: All ingredients listed exempt or notified.
TSCA	: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. ADDITIONAL INFORMATION

Fluid contains ingredients that have been prepared solely from synthetic sources. It does not contain any genetically modified organisms or materials of animal origin.