

# SAFETY DATA SHEET

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Issued 28/10/2002  
Revision No: 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name:** Mediclean  
**Use/description of product:** Non-woven wipes impregnated with a flammable liquid  
**Company Name:** Valley Northern  
West Gate Trading Estate  
Bellasis Street  
Stafford  
ST16 3DD  
**Telephone:** 01785 222285

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:** PROPAN-2-OL >60%  
CAS: 67-63-0  
EINECS: 200-661-7  
[F] R11; [Xi]; [-] R67;

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.  
**Other hazards:** In use, may form flammable/explosive vapour-air mixture.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.  
**Inhalation:** Nausea and stomach pain may occur. There may be vomiting. Drowsiness or mental confusion may occur. There may be loss of consciousness.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Rinse affected skin with running water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.  
**Ingestion:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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## 5. FIRE-FIGHTING MEASURES

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- Extinguishing media:** Carbon dioxide.
- Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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## 6. ACCIDENTAL RELEASE MEASURES

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- Personal precautions:** Eliminate all sources of ignition.
- Environmental precautions:** Do not discard into drains or rivers.
- Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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## 7. HANDLING AND STORAGE

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- Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden. Use non-sparking tools.
- Storage conditions:** Store in cool, well ventilated. Keep away from sources of ignition. Keep container tightly closed.
- Suitable packaging:** Must only be kept in original packaging.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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- Ingredients:** PROPAN-2-OL  
TWA (8 hr exposure limit): 999 mg/m<sup>3</sup> STEL (15 min exposure limit): 1250 mg/m<sup>3</sup>
- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- State:** Non woven wipe
- Colour:** White
- Odour:** Alcoholic
- Oxidising:** Non-oxidising (by EC criteria)
- Viscosity:** Non-viscous
- Viscosity test method:** Flow time in seconds in a 3mm ISO cup (ISO 2431)
- Flash point °C:** 12

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## 10. STABILITY AND REACTIVITY

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- Stability:** Stable under normal conditions.
- Conditions to avoid:** Sources of ignition.
- Materials to avoid:** Oxidising agents.



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## 11. TOXICOLOGICAL INFORMATION

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**Ingredients:** PROPAN-2-OL  
ORL RAT LD50 5045 mg/kg

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## 12. ECOLOGICAL INFORMATION

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## 13. DISPOSAL CONSIDERATIONS

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**N.B.:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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## 14. TRANSPORT INFORMATION

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ADR/RID

IMDG/IMO

IATA/ICAO

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## 15. REGULATORY INFORMATION

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**Hazard symbols:** Highly flammable.  
Irritant.

**Risk phrases:** R11: Highly flammable.  
R36: Irritating to eyes.  
R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S2: Keep out of the reach of children.  
S23: Do not breathe vapour.  
S16: Keep away from sources of ignition – No smoking.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S33: Take precautionary measures against static discharges.  
S37: Wear gloves.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

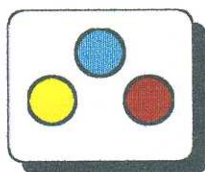
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## 16. ADDITIONAL INFORMATION

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**Risk phrases used in s.2:** R11: Highly flammable  
R36: Irritating to eyes  
R67: Vapours may cause drowsiness and dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



# Abbott Analytical



Consulting Scientists to the Disinfectant Industry

4th June 2002

## CERTIFICATE OF ANALYSIS

**Samples:** One sample of Mediclean Hard Surface Disinfectant Wipes received from the manufacturers on behalf of Valley Northern, Westgate Trading Estate, Bellasis Street, Stafford, ST16 3DD. 23rd May 2002

**Certificate No:** 02E.273.ROS

**Page:** 1 of 1

**Sample Ref:** 2e / 273

**Analysis Required:** Activity against organisms listed on hard surface.

**Samples Tested:** 28th May 2002

**Results.** A rough hard bench surface was divided into squares of approximately 15cm square (two squares for each organism), contaminated with an overnight culture of the organisms listed and allowed to dry for approximately 1 hour. After this time one of the squares was swabbed with a clean sterile swab and the number of organisms determined. The second square was wiped thoroughly with the Mediclean wipe and then swabbed with a clean sterile swab which was placed in 10ml of neutralising solution and shaken vigorously to release any bacteria present. The number of surviving organisms was determined using standard microbiological techniques. The results obtained are recorded below.

	Control Organisms per square	Test No. organisms	Test % kill.
Bacillus cereus	52,200	11	99.98
Staphylococcus aureus	58,400	2	99.996
Enterococcus faecium	37,600	2	99.994
Escherichia coli	44,000	0	100
Salmonella typhimurium	52,800	0	100
Pseudomonas aeruginosa	61,400	5	99.992
Listeria monocytogenes	48,800	0	100
MRSA	58,000	37	99.946

D C Watson