

# **MATERIAL SAFETY DATA SHEET**

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

**Name:** Probe/Surface Disinfectant Wipes  
**\*Use:** A hard surface disinfectant wipe  
**Product code:** W20 230

## **2. HAZARD IDENTIFICATION**

This product is not classed as hazardous to health or the environment.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical</u>	<u>%Conc.</u>	<u>Classification</u>	<u>CAS</u>	<u>EINECS/*ELINCS</u>
Alkyl Dimethyl Benzyl Ammonium Chloride	< 0.5%	C, N; R21/22, 34, 50	68424-85-1	270-325-2
Polymeric Biguanide Hydrochloride	< 0.2%	Xn, N; R22, 38, 41, 43, 50, 53 27083-27-8		Not Assigned
Propan-2-ol	< 4 %	F, Xi; R11, 36, 67	67-63-0	200-661-7

## **4. FIRST AID MEASURES**

**Eyes** If sufficient material has entered the eyes to cause irritation, flush thoroughly with water for at least 10 minutes. If symptoms persist, seek medical advice.

**Ingestion** If ingested do NOT induce vomiting. Keep at rest and seek immediate medical attention.

**Inhalation** Remove the affected victim from exposure and seek medical advice.

**Skin** Wash affected area with soap and water. If irritation persists seek medical advice.

## **5. FIRE FIGHTING MEASURES**

**General Hazard:** This product does not support combustion hence is not classified as flammable.

**Flash Point:** 54°C

**Suitable Extinguishing Media:** Dry Chemical, Foam or Carbon dioxide.

**Unsuitable Extinguishing Media:** Not known

**Hazardous Thermal Decomposition Products:** Oxides of Carbon, Nitrogen and other toxic decomposition products in the case of incomplete combustion.

**Special Fire Fighting Procedures:** Use self-contained breathing apparatus and protective clothing.

**Unusual Fire and Explosion Hazards:** There are no unusual hazards. Product does not constitute any special or particular fire hazards.

## **6. ACCIDENTAL RELEASE MEASURES**

- \*Personal Precautions: No protective equipment is required when using this product, although your own risk assessment should be considered.
- \*Environmental Precautions: Prevent entry into waterway, sewers or confined areas. Avoid using the product in conjunction with strong oxidising agent (e.g. bleach).
- \*Method for Cleaning Up: Remove sources of ignition. Pick up and discard towel.

## **7. HANDLING AND STORAGE**

- Handling: Follow handling instruction, which are represented on the product label. Avoid contact with eyes.
- Storage: Store at room temperature. Avoid extreme temperature conditions.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **\*Workplace Exposure Limits**

Alkyl Dimethyl Benzyl  
Ammonium Chloride: Not determined

Polymeric Biguanide  
Hydrochloride: Not determined

Propan-2-ol: EH40 (United Kingdom (UK)).  
LTEL: Data for Propan-2-ol - 999mg/m<sup>3</sup>. Period: 8 hours(s)  
WEL: 500ppm Period: 15 minute(s)  
WEL: 1250mg/m<sup>3</sup> Period: 15 minutes

\*Engineering Controls: General ventilation adequate

\*Personal Protective  
Equipment:

No protective equipment is required when using this product, although your own risk assessments should be considered.

## **9. PHYSICAL AND CHEMICAL PROPERTIES (Not a Specification)**

- \*Appearance: Liquid saturated on wipe
- \*Odour: Mild alcohol
- Specific Gravity: Not determined
- Solubility in Water: All impregnated components 100% soluble. Non-woven is not soluble.
- pH@20° C Typical Analysis: Not determined
- Volatiles: Propan-2-ol (<4%).
- Melting/Boiling Point: Not determined
- Flash Point: 54°C (solvent within product – product does not support combustion)

## **10. STABILITY AND REACTIVITY**

- Chemical Stability: Stable if stored at room temperature. Wipes will dry if exposed to the atmosphere.
- \*Materials to Avoid: Contact with strong oxidising agents. Do not use the wipes with anionic materials and soaps, which reduce the life and antibacterial effectiveness of the wipe. Avoid high temperature.
- \*Hazardous Decomposition  
Products: May include but not limited to oxides of carbon, nitrogen.
- \*Hazardous Polymerisation: Not determined

## **11. TOXICOLOGICAL INFORMATION**

It is not the policy of Pal International to conduct any form of animal testing. The following toxicological data therefore applies to the information we have gathered together from our raw material suppliers.

- Acute toxicity: Not applicable for this type of product, if used as directed.
- Corrosivity/irritation: No evidence, of this if the product is used as directed.
- Sensitisation: No evidence at present.
- Repeated-dose toxicity: Not applicable for this type of product, if used as directed.

Mutagenicity: Not applicable for this type of product, if used as directed.  
Carcinogenicity: Not applicable for this type of product, if used as directed.  
Reproductive toxicity: Not applicable for this type of product, if used as directed.

## **12. ECOLOGICAL INFORMATION**

Product is generally biodegradable.  
Packaging is recyclable.  
The product is accepted as non-bioaccumulative.  
\*Ecotoxicity - Low

## **13. DISPOSAL**

\*Disposable should be in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

## **14. TRANSPORT INFORMATION**

This product is not classified as a dangerous good for transport in regards to the Transport Regulation.

## **15. REGULATORY INFORMATION**

In accordance with the CHIP 3 regulations, the product is not classified as hazardous.  
\*Contains Polymeric Biguanide Hydrochloride, which may cause an allergic reaction.

## **16. OTHER INFORMATION**

Packaging contents: Recyclable H.D.P.E inner packaging  
Recyclable cardboard outer packaging  
\*Nature of fibres in non-woven – cellulose, polyester and acrylic binder with colour pigment.

Hazards: All necessary information can be found in sections 2 & 15 for this product. This product is not classed as flammable as it does not support combustion.

Training advice: Training is provided on request. Please contact our sales office, which would be able to make all necessary arrangements.

Restrictions: Method of presentation as a wipe reduces ingestion hazard. Avoid contact of wipe with eyes. Avoid oxidising agents.

Technical Information: A comprehensive technical data sheet concerning recommended product usage and application is available upon request from our Technical department.

Risk Phrases listed in Section 2  
R11: Highly Flammable  
R21/22: Harmful in contact with skin and if swallowed  
R22: Harmful if swallowed  
R34: Causes Burns  
R36: irritating to eyes  
R38: irritating to skin  
R41: Risk of serious damage to eyes  
R43: may cause sensitisation by skin contact  
R50: Very toxic to aquatic organisms  
R53: May cause long-term adverse effects in the aquatic environment  
R67: vapours may cause drowsiness and dizziness

The data sheet has been revised in the following sections marked \*.

This data sheet was compiled using external data from our supplier's and independent laboratories. This safety data sheet contains all the necessary information to conduct a COSHH assessment. This document in its own right does NOT constitute the users own assessment of workplace risk as required by Health and safety legislation. The information given in this safety data sheet is given in good faith and to the best of our knowledge is correct. No liability is accepted for any loss or damage arising directly from the use of the company's products or from the use of the information given in this safety data sheet, In particular, financial or economical loss unless required by law.

**Emergency Tel: 07714 154 681**

Issue Date: July 2007  
Issue No: 9  
Date of revision: 2<sup>nd</sup> July 2007

Product Description:	Probe Wipe	<p>IMAGE NOT AVAILABLE AT PRESENT</p>																										
Pal Product Code:	W20230																											
Quantity:	200 wipes																											
Wipe size:	130mm x 130mm																											
Wipe Material Composition:	Viscose, cellulose, acrylic binders. Non-woven																											
Wipe Colour:	Blue																											
Wipe Material Weight:	23gsm																											
Labeling:	(More data is available on request.)																											
Instructions For Use:	Twist and pull to remove lid. Remove internal seal by pulling from the lip of the foil. Pull first wipe from the centre of the roll and feed through hole in lid. Replace lid and to dispense pull wipe through at a slight angle.																											
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