

Safety Data Sheet

Version: 1.0 | Date Updated: 08/07/201

According to EC Regulations 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

PALTECH

ADVANCED HYGIENE + PROTECTION.
EVERYWHERE.

Pal TECH Multi Surface Antibacterial Wipes

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

| | |
|-------------------------------|---|
| Product name: | Paltech Multi Surface Antibacterial Wipes |
| Product code: | W840110PT |
| Use of the substance/mixture: | Cleaning and disinfectant |
| Substance type: | Mixture |

1.2 Relevant identified uses of the substance or mixture and uses advised against

| | |
|-----------------------|--|
| Identified uses: | Hygienically clean the sensitive surfaces of offices, visual display units (VDUs) and personal protective equipment. |
| Uses advised against: | For professional users only |

1.3 Details of the supplier of the safety data sheet

| | |
|------------|---|
| Company: | Pal International limited Bilton Way, Lutterworth, Leicestershire, LE17 4JA, United Kingdom |
| Telephone: | +441455 555 700 |
| Fax: | +441455 555 755 |
| Email: | info@palinternational.com |

1.4 Emergency telephone number

| | |
|-----------------------------|---|
| Emergency telephone number: | +441455 555 700 (GMT, English spoken, Mon-Fri 08.00 to 17.00) |
| Emergency mobile number: | +447725 204 194 |

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

| | |
|--|--|
| 2.1.1 Regulation (EC) No. 1272/2008: | Chronic aquatic toxicity, Category 3. H412 |
| 2.1.2 Directive 67/548/EEC & directive 1999/45/EC: | N; Dangerous for the environment. R52/53 |

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2.2.1 Label elements

| | |
|---------------------------------------|---|
| Product name: | Pal TECH Multi Surface Antibacterial Wipes |
| Contains: | Benzyl-C12-16-alkyldimethyl chlorides C12-14-Alkyl[(ethylphenyl)methyl]dimethyl, chlorides Didecyl dimethyl ammonium chloride |
| Hazard pictogram(s): | Not applicable |
| Signal word(s): | Not applicable |
| Hazard statement(s): | H412: Harmful to aquatic life with long lasting effects |
| Precautionary statement(s): | P273: Avoid release to the environment |
| Supplemental hazard information (EU): | Not known |
| 2.3 Other hazards: | None known |

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Hazardous components

EC Classification No. 1272/2008

| Chemical Name | CAS-No. EC-No. REACH No. | Classification (67/548/EEC) | Classification (Regulation (EC) No 1272/2008) | Concentration [%] |
|---|---|--------------------------------|---|----------------------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | 68424-85-1 270-352-2 - | C, N; R22, R34, R50 | Acute Tox.; 4; H302 Skin Corr.; 1B; H314 Aquatic Acute; 1; H400 | <0.5% |
| Didecyl dimethyl ammonium chloride | 7173-51-1 230-525-2 - | C, N; R22, R34, R50 | Acute Tox.; 3; H301 Skin Corr.; 1B; H314 Aquatic Acute; 1; H400 | <0.5% |
| Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides | 85409-23-0 287-090-7 - | C, N; R22, R34, R50 | Acute Tox.; 4; H302 Skin Corr.; 1B; H314 Aquatic Acute; 1; H400 | <0.5% |
| Propan-2-ol | 67-63-0 200-61-7 01-2119457558-25 | F, Xi; R11, R36, R67 | Flam. Liq.; 2; H225 Eye Irrit.; 2; H319 STOT SE; 3; H336 | 0.2% |

For the full text of the R-phrases mentioned in this section, see Section 16

For the full text of the H-statements mentioned in this section, see Section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:

IF INHALED: Obtain medical attention for symptoms of difficulty of breathing

Skin contact:

IF ON SKIN: Rinse with plenty of water.

Eye contact:

IF IN EYE: Rinse with plenty of water.

Ingestion:

IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

See section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: In the event of fire, use specifically suitable extinguishing agents appropriate for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special hazard arising from the substance or mixture

Specific hazard during firefighting: Keep away from heat and source of ignition.
Hazardous combustion products: Decomposition products may include the following materials:
Carbon oxides
Nitrogen oxides
Sulphur oxides
Oxides of phosphorus

5.3 Advice for firefighters

Special protective equipment for firefighters Use personal protective equipment

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Ensure cleanup is conducted by trained personnel. Refer to protective measures listed in section 7 & 8.

Advice for emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials.

6.2 Environmental precautions

Environmental precautions: Do not allow contact with soil, surface or ground water.

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6.3 Methods and material for containment and cleaning up

Methods for cleaning up:

Eliminate all ignition sources if safe to do so. Stop any leak if safe to do so. Contain spillage and then collect with non-combustible absorbent material and place in container for disposal according to local / national regulation (see section 13).

6.4 Reference to other sections

See section 1 for emergency contact information
For personal protection see section 8
See section 13 for additional waste treatment information.

SECTION 7: HANDLING & STORAGE

7.1 Precautions for safe handling

Advice on safe handling:

Wash hands thoroughly after use.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed.

Storage temperature:

0°C to 40°C

7.3 Specific end uses

Specific use(s):

Wet wipe. Manual process for cleaning.

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SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

| CAS-No. | Components | Value type (form of exposure) | Control parameters | Update | Basis |
|---------|-------------|-------------------------------|--------------------------------|------------|----------|
| 67-63-0 | Propan-2-ol | TWA | 400ppm 999mg/m ³ | 2005-04-06 | UKCOSSTD |

8.1.2 Biological limit value

| CAS-No. | Substance name | Control parameters | Sampling time | Update |
|---------|----------------|--------------------|---------------|--------|
| - | - | - | - | - |

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Good ventilation should be sufficient to control worker exposure to airborne contamination.

8.2.2 Personal protection equipment

Eye/face protection

No special protective equipment required.

Skin protection

No special protective equipment required.

Respiratory protection

No special protective equipment required.

Thermal hazard

No special protective equipment required.

8.2.3 Environmental Exposure Controls

Consider the provision of contamination around the storage vessels

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical

| | |
|---|--------------------------------|
| Appearance | Wet Nonwoven wipe material |
| Colour | White |
| Odour | Slight chemical odour |
| Odour Threshold | No data available |
| pH | 6.0 -8.0 |
| Melting Point/Freezing point | No data available |
| Initial boiling point and boiling range | No data available |
| Flash point | >60°C (Abel closed cup method) |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper/lower flammability or explosive limit | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | No data available |
| Solubility(ies) | No data available |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |

9.2 Other information No data available

SECTION 10: STABILITY AND REACTIVITY

| | |
|---|---|
| 10.1 Reactivity | No dangerous reaction known under conditions of normal use. |
| 10.2 Chemical stability | Stable under normal conditions. |
| 10.3 Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| 10.4 Conditions to avoid | Extreme heat, flames and sparks. |
| 10.5 Incompatible materials | None known. |

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10.6 Hazardous decomposition product(s)

Decomposition products may include the following materials:

Carbon oxides
Nitrogen oxides
Sulphur oxides
Oxides of phosphorus

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effect

Information on likely routes of exposure

Eye contact and skin contact.

Acute Toxicity

Ingestion
Inhalation
Skin contact
Eye contact
Skin corrosion/irritation
Serious eye damage/irritation
Respiratory or skin sensitisation
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
STOT – single exposure
STOT – repeated exposure
Aspiration hazard

There is no data available for this product.
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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Result of PBT and vPvB assessment

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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12.6 **Other adverse effects** No data available

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 **Waste treatment methods** Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulation.
- 13.2 **Additional Information** None known.

SECTION 14: TRANSPORT INFORMATION

This product is not classified as dangerous goods for transport in regards to the transport regulations.

Land transport (ADR/AND/RID)

- 14.1 UN number Not applicable.
- 14.2 UN proper shipping name Not applicable.
- 14.3 Transport hazard class(es) Not applicable.
- 14.4 Packaging group Not applicable.
- 14.5 Environmental hazards Not applicable.
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code Not applicable.

Sea transport (IMDG/IMO)

- 14.1 UN number Not applicable.
- 14.2 UN proper shipping name Not applicable.
- 14.3 Transport hazard class(es) Not applicable.
- 14.4 Packaging group Not applicable.
- 14.5 Environmental hazards Not applicable.
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code Not applicable.

Air Transport (IATA)

- 14.1 UN number Not applicable.
- 14.2 UN proper shipping name Not applicable.
- 14.3 Transport hazard class(es) Not applicable.
- 14.4 Packaging group Not applicable.
- 14.5 Environmental hazards Not applicable.
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code Not applicable.

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SECTION 15: REGULATORY INFORMATION

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture** According to detergents regulation EC 648/2004
Less than 5%: cationic surfactants. Other constituents are: Disinfectant
- 15.2 **Chemical safety assessment** This product contains substances for which chemical safety assessment is still required.

SECTION 16: OTHER INFORMATION

Full text of R-phrases

Full text of Risk Phrases and Safety Phrases mentioned under sections 2 and 3:

| | |
|------|--|
| R11: | Highly flammable |
| R22: | Harmful if swallowed |
| R34: | Causes burns |
| R36: | Irritating to eyes |
| R50: | Very toxic to aquatic organisms |
| R67: | Vapours may cause drowsiness and dizziness |

Full text of Hazard statements and Precautionary Statement mentioned under sections 2 and 3:

| | |
|-------|---|
| H225: | Highly flammable |
| H301: | Toxic if swallowed |
| H302: | Harmful if swallowed |
| H314: | Causes severe skin burns and eye damage |
| H319: | Causes serious eye irritation |
| H336: | May cause drowsiness or dizziness |
| H400: | Very toxic to aquatic life |

Full text of other abbreviations

ADR: European agreement concerning the international carriage of dangerous goods by Road.
IMDG: International Maritime Dangerous Goods.
IATA: International Air Transport Association.
ICAO: International Civil Aviation Organisation
RID: Regulations concerning the International carriage of Dangerous goods by rail.

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Training advice

Professional use product. Training will be required by the product provider.

Disclaimers

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.

Annex to the extended safety data sheet (eSDS)

This product contains substances for which chemical safety assessment is still required.