

# Safety Data Sheet

Version: 8.0 | Date Updated: 12.04.2018

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



## Pal TX Alcohol Surface Disinfectant Wipes

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

#### 1.1 Product Identifier

Product name:	Pal TX Alcohol Surface Disinfectant Wipes
Product code:	W/S/Q 76, 200, 215, 220230
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:	Cleaning and disinfecting wipes for hard surfaces
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:	+44 (0) 1455 555 700
Fax:	+44 (0) 1455 555 755
Email:	info@palinternational.com

#### 1.4 Emergency telephone number

Emergency telephone number:	+44 (0) 1455 555 700 (GMT, English spoken, Mon-Fri 08.00 to 17.00)
Emergency mobile number:	+44 (0) 7725 204 194
NHS medical advice/help:	+44 111 (24 hours)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008:	Highly flammable liquid and vapour, H225
--------------------------------------	--

# Safety Data Sheet



Version: 8.0 | Date Updated: 12.04.2018

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

## 2.2.1 Label elements

Product name: Pal TX Alcohol Surface Disinfectant Wipes  
Contains: Ethanol

Hazard pictogram(s):



Signal word(s): Danger

Hazard statement(s): H225: Highly flammable liquid and vapour.

Precautionary statement(s): P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P403+P233+235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Supplemental hazard information (EU): Contains Ethanol

2.3 Other hazards: None known

# Safety Data Sheet



Version: 8.0 | Date Updated: 12.04.2018

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

## 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 (Regulation (EC) No 1272/2008)	Concentration [%]
Ethanol	64-17-5 200-578-6 01-2119457610-43	Flam Liq.2, H225	70%
Propan-2-ol	67-63-0 200-661-7 01-2119457558-25- xxxx	Flam Liq.2, H225 Eye Irrit.2, H319 STOT SE3, H336	5%

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.

# Safety Data Sheet

Version: 8.0 | Date Updated: 12.04.2018

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



## 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:	High volume water jet

### 5.2 Special hazard arising from the substance or mixture

Specific hazard during firefighting: Hazardous combustion products:	Keep away from heat and source of ignition. 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:	Remove all sources of ignition. 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.
----------------------------	--

# Safety Data Sheet



Version: 8.0 | Date Updated: 12.04.2018

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

## 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:

Use only with adequate ventilation. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Storage temperature:

-10°C to 40°C

### 7.3 Specific end uses

Specific use(s):

Wet wipe. Manual process for cleaning.

# Safety Data Sheet



Version: 8.0 | Date Updated: 12.04.2018

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

## 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
64-17-5	Ethanol	TWA	1000ppm 1,920mg/m <sup>3</sup>	2005-04-06	UKCOSSTD
67-63-0	Propan-2-ol	STEL	500ppm 1,250 mg/m <sup>3</sup>	-	NIOSH REL

#### 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

# Safety Data Sheet

Version: 8.0 | Date Updated: 12.04.2018

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



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical

Appearance	Wet Nonwoven wipe material
Colour	Blue
Odour	Alcoholic odour
Odour Threshold	No data available
pH	6.5 -7.5
Melting Point/Freezing point	-20°C
Initial boiling point and boiling range	79.5°C
Flash point	19°C (Abel closed cup method)
Evaporation rate	No data available
Flammability (solid, gas)	The mix is considered to be easily flammable under Directive 2001/59/EC.
Upper/lower flammability or explosive limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.86+/- 0.01g/cm <sup>3</sup>
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	2.41 mPa.s (Dynamic viscosity determined at 20°C.)
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.

# Safety Data Sheet



Version: 8.0 | Date Updated: 12.04.2018

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

## 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.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.  
There is no data available for this product.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

### 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.

### 12.6 Other adverse effects

No data available



# Safety Data Sheet



Version: 8.0 | Date Updated: 12.04.2018

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

## 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 classified as dangerous goods for transport with regards to the transport regulations.

### Land transport (ADR/AND/RID)

- |      |   |   |
|------|---|---|
| 14.1 | UN number   | UN3175  |
| 14.2 | UN proper shipping name   | “Solids containing flammable liquid”, n.o.s (Ethanol) |
| 14.3 | Transport hazard class(es)  | 4.1   |
| 14.4 | Packaging group   | II  |
| 14.5 | Environmental hazards   | No  |
| 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   | UN3175  |
| 14.2 | UN proper shipping name   | “Solids containing flammable liquid”, n.o.s (Ethanol) |
| 14.3 | Transport hazard class(es)  | 4.1   |
| 14.4 | Packaging group   | II  |
| 14.5 | Environmental hazards   | No  |
| 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   | UN3175  |
| 14.2 | UN proper shipping name   | “Solids containing flammable liquid”, n.o.s (Ethanol) |
| 14.3 | Transport hazard class(es)  | 4.1   |
| 14.4 | Packaging group   | II  |
| 14.5 | Environmental hazards   | No  |
| 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.                                       |

# Safety Data Sheet



Version: 8.0 | Date Updated: 12.04.2018

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

## 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 Contains 70% Ethanol and 5% Isopropanol. According to DSD(67/548/EC), DPD(1999/45/EC) and CLP(1272/2008/EC) The product contains Ethanol and has the following hazard phrase associated with the product. H225: Highly flammable liquid and vapour.
- 15.2 [Chemical safety assessment](#) This product contains substances for which chemical safety assessment is still required.

## SECTION 16: OTHER INFORMATION

### Full text of H-statements

- H225: Highly flammable liquid and vapour
- H319: Causes serious eye irritation
- H318: Causes serious eye damage
- H336: May cause drowsiness and dizziness

### 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.

### 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.