

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



PAL CLEAN+PROTECT: hands and surface wipes

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

1.1 Product Identifier

Product name:	PAL CLEAN+PROTECT: hands and surface wipes
Product code:	S210110, S217110, W232110, Q223110, W223110, W227110
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 disinfectant wipes for hands and 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:	+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
--------------------------------------	--

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



2.2.1 Label elements

Product name:	PAL CLEAN+PROTECT: hands and surface wipes
Contains:	Alkyl (C12-16) dimethylbenzyl ammonium chloride Quaternary ammonium compounds, 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: Chronic aquatic toxicity
Precautionary statement(s):	P273: Avoid release to the environment

2.3 Other hazards: None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. REACH No.	Classification (Regulation (EC) No 1272/2008)	Concentration [%]
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1 270-352-2 -	Acute Tox.; 4; H302 Skin Corr.; 1B; H314 Eye Dam. 1; H318 Aquatic Acute; 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	<0.5%
Didecyl dimethyl ammonium chloride	7173-51-5 230-525-2 01-2119945987-15-XXXX	Acute Tox.; 3; H301 Skin Corr.; 1B; H314 Aquatic Acute; 1; H400 Aquatic Chronic 2; H411 M-Factor (Acute aquatic toxicity): 10	<0.5%
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0 287-090-7 01-2120771812-51-XXXX -	Acute Tox.; 4; H302 Skin Corr.; 1B; H314 Eye Dam. 1; H318 Aquatic Acute; 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	<0.5%
Propan-2-ol	67-63-0 200-61-7 01-2119457558-25-XXXX	Flam. Liq.; 2; H225 Eye Irrit.; 2; H319 STOT SE; 3; H336	0.2%

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

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



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.

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. Dry powder; Water spray; Foam.

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. Heating or fire can release toxic gas.

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

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



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.

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 container tightly closed, away from heat source and direct sunlight. Keep cool
Storage temperature: 0°C to 40°C

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



7.3 Specific end uses

Specific use(s): Wet wipe. Manual process for cleaning.

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

8.2 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

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)

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



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

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	Strong oxidizing agents.
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.

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



Acute Toxicity

Ingestion	There is no data available for this product.
Inhalation	There is no data available for this product.
Skin contact	There is no data available for this product.
Eye contact	There is no data available for this product.
Skin corrosion/irritation	There is no data available for this product.
Serious eye damage/irritation	There is no data available for this product.
Respiratory or skin sensitisation	There is no data available for this product.
Germ cell mutagenicity	There is no data available for this product.
Carcinogenicity	There is no data available for this product.
Reproductive toxicity	There is no data available for this product.
STOT – single exposure	There is no data available for this product.
STOT – repeated exposure	There is no data available for this product.
Aspiration hazard	There is no data available for this product.

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.
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. Do not flush into surface water or sanitary sewer system Discharge into the environment must be avoided
13.2 Additional Information	None known.

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



SECTION 14: TRANSPORT INFORMATION

This product is not classified as dangerous goods for transport with 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.

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. Seveso III: Directive 2012/18/EU of the European Parliament and of the Council of the control of major-accident hazards involving dangerous substances
15.2	Chemical safety assessment	This product contains substances for which chemical safety assessment is still required.

Safety Data Sheet

Version: 1.0 | Date Updated: 18.11.2021

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



SECTION 16: OTHER INFORMATION

Full text or 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
H318:	Causes serious eye damage
H319:	Causes serious eye irritation
H336:	May cause drowsiness or dizziness
H400:	Very toxic to aquatic life
H410:	Very toxic to aquatic life with long lasting effects
H411:	Toxic to aquatic life with long lasting effects

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.