



SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle
Product code	QAFS006

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

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description	A fast acting, ready to use, deodorising disinfectant, specially formulated for the routine cleaning and disinfecting of public toilets, portable toilet compartments or anywhere that a highly effective disinfectant with a lingering residual odour is required.

1.3. Details of the supplier of the safety data sheet

Company	Pakex (UK) Plc,
Address	No 1, Prime Point, Bessemer Road, Welwyn Garden City, Herts, AL7 1FE
Web	www.pakexuk.com
Telephone	Tel: 01707 384858
Fax	Fax: 01707 332838
Email	sales@pakexuk.com

1.4. Emergency telephone number

Emergency telephone number	01707 384858 8.30am to 17.00pm
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Aquatic Chronic 3: H412;
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2.2. Label elements

Hazard Statement	Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste contractor.

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle

Revision 7

Revision date 2016-09-14

2.3. Other hazards

Other hazards	No hazardous ingredients at levels that require notification in this section. PBT not identified as a PBT substance.
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Further information

	No Hazards resulting from the material as supplied.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quaternary ammonium compounds benzyl-C12-14 (even numbered) -alkyldimethyl, chlorides		68424-85-1	939-350-2	01-2119970550-39	0 - 0.5% C; R34 Xn; R22 N; R50		M=1

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. Classification (%w/w)	M-factor.
Quaternary ammonium compounds benzyl-C12-14 (even numbered) -alkyldimethyl, chlorides		68424-85-1	939-350-2	01-2119970550-39	0 - 0.5% Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400;	M=1

Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
Active Ingredients	Ingredients Citrus Muscle Working Strength - less than 5% Cationic Surfactants, less than 5% Non-ionic Surfactants, 0.25% w/w Benzalkonium Chloride, Isopropyl Alcohol, Acid EDTA, Parfum.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash with water and soap as a precaution.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause skin dryness and irritation.
Ingestion	May cause irritation to mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

	TREAT SYMPTOMATICALLY.
Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

General information

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	This product is not flammable . Use fire-extinguishing media appropriate for surrounding materials.
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5.2. Special hazards arising from the substance or mixture

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle

Revision 7
Revision date 2016-09-14

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

Further information

In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment.

6.2. Environmental precautions

Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up

For large spills: Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills: Flush down the drain with plenty of water.

6.4. Reference to other sections

See section 2, 7, 8, 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children.
Store in original container.

7.3. Specific end use(s)

No data is available on this product.

Suitable packaging

Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

DNEL: Derived no-effect level.

Exposure Pattern - Workers

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides	Long-term - inhalation - Systemic 3.96 mg/m ³ effects
	Long-term - dermal - Systemic 5.7 mg/kg effects

Exposure Pattern - General population

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle



Revision 7

Revision date 2016-09-14

Exposure Pattern - General population

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides	Long-term - inhalation - Systemic 1.64 bw/day effects	
	Long-term - dermal - Systemic 3.4 mg/kg effects	Long-term - oral - Systemic effects 3.4 mg/kg

8.2. Exposure controls

<p>Eye / face protection</p> <p>Skin protection - Handprotection</p> <p>Respiratory protection</p>	 
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.
	Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.
	Rubber gloves.
8.2.3. Environmental exposure controls	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
	Prevent further leakage or spillage if safe to do so.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid/Liquid impregnated on to wipes
Colour	Clear
Odour	Pine/Citrus
pH	7 - 8.8
Explosive properties	No data available
Oxidising properties	No data available
Melting point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Odour threshold	No data available
Viscosity	< 50 centipoise
Solubility	Soluble in water

9.2. Other information

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle

Revision 7
Revision date 2016-09-14

9.2. Other information

Specific gravity	0.99 - 1.004 g/cm ³
Gas group	No data available
Conductivity	No data available
Surface tension	No data available
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions. No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal conditions. No particular stability concerns.

10.3. Possibility of hazardous reactions

Strong acids. Strong oxidising agents.

10.4. Conditions to avoid

Protect from frost.

10.5. Incompatible materials

No incompatible groups noted.

10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Not anticipated under normal conditions of use. May cause irritation to skin.
Serious eye damage/irritation	Not anticipated under normal conditions of use.
Respiratory or skin sensitisation	Not anticipated under normal conditions of use. May cause irritation to respiratory system.
Repeated or prolonged exposure	Prolonged contact may cause defatting of the skin.

11.1.2. Mixtures

No data available.

11.1.3. Hazard Information

No data available.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

12.3. Bioaccumulative potential

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle

Revision 7
Revision date 2016-09-14

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle No data available

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

General information

Dispose of in compliance with all local and national requirements.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,

Working Strength Germicidal Detergent Deodoriser DP20 Citrus Muscle

Revision 7

Revision date 2016-09-14

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	<p>93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>
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15.2. Chemical safety assessment

	No information available.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R50 - Very toxic to aquatic organisms.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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