

**KitchenPro Wash'n Walk****Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product name : KitchenPro Wash'n Walk

Product code : 115977E

Use of the  
Substance/Mixture : Floor Cleaner

Substance type: : Mixture

**For professional users only.**

Product dilution information : 1.0 % - 3.0 %

**1.2 Relevant identified uses of the substance or mixture and uses advised against**Identified uses : Floor cleaner. Semi-Automatic process  
Floor cleaner. Manual processRecommended restrictions  
on use : Reserved for industrial and professional use.**1.3 Details of the supplier of the safety data sheet**Company : Ecolab Ltd.  
PO Box 11; Winnington Avenue  
Northwich, Cheshire, United Kingdom CW8 4DX  
+ 44 (0)1606 74488  
ccs@ecolab.com**1.4 Emergency telephone number**Emergency telephone  
number : Food & Beverage, Institutional, Agriculture, Textile Hygiene:  
Northwich: +44 (0)1606 74488  
Healthcare Leeds: +44 (0)113 232 2480  
Healthcare Swansea: +44 (0)1252 717616Poison Information Centre  
telephone number : Not AvailableDate of Compilation/Revision : 03.08.2015  
version : 1.5**Section: 2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)****Product AS SOLD**

Eye irritation, Category 2

H319

**KitchenPro Wash'n Walk**

**Product AT USE DILUTION**

Not a hazardous substance or mixture.

**Classification (67/548/EEC, 1999/45/EC)**

**Product AS SOLD**

Xi; IRRITANT

R36

**Product AT USE DILUTION**

The product does not need to be labelled in accordance with EC directives or respective national laws.

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.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

**Product AS SOLD**

Hazard pictograms

:



Signal Word

: Warning

Hazard Statements

: H319

Causes serious eye irritation.

Precautionary Statements

: **Prevention:**  
P280e

Wear eye protection/face protection.

**Product AT USE DILUTION**

Not a hazardous substance or mixture.

**Additional Labelling:**

**Product AS SOLD**

Special labelling of certain mixtures

: Contains: lipase, triacylglycerol May produce an allergic reaction.

**2.3 Other hazards**

**Product AS SOLD**

Do not mix with bleach or other chlorinated products – will cause chlorine gas.

**Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

**Product AS SOLD**

**Hazardous components**

Chemical Name	CAS-No.	Classification	Classification	Concentration:
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**KitchenPro Wash'n Walk**

	EC-No. REACH No.	(67/548/EEC)	(REGULATION (EC) No 1272/2008)	[%]
Sodium Xylenesulfonate	1300-72-7 215-090-9 01-2119513350-56	Xi; R36	Eye irritation Category 2; H319	$\geq 5 - < 10$
Benzenesulfonic acid, mono-C10-16- alkyl derivs., compds. with ethanolamine	68910-32-7	R36/38	Skin irritation Category 2; H315 Eye irritation Category 2; H319	$\geq 3 - < 5$
Boric acid	10043-35-3 233-139-2 01-2119486683-25	R60-R61	Reproductive toxicity Category 1B; H360FD	$\geq 3 - < 5$
alcohols, c12-16, ethoxylated	68551-12-2	Xn; R22-R41- R38	Acute toxicity Category 4; H302 Skin irritation Category 2; H315 Serious eye damage Category 1; H318	$\geq 3 - < 5$
amines, coco alkyldimethyl, n- oxides	61788-90-7 263-016-9	Xn-N; R22- R36/38-R50	Acute toxicity Category 4; H302 Skin irritation Category 2; H315 Eye irritation Category 2; H319 Acute aquatic toxicity Category 1; H400	$\geq 1 - < 2.5$
boric acid (h3bo3), compd. with 2- aminoethanol (1:1)	68586-07-2 271-606-2	R60-R61	Reproductive toxicity Category 1B; H360	$\geq 1 - < 2.5$
Primary, Secondary, Tertiary alkylamines	112-18-5 203-943-8 01-2119485584-26	C-N; R35-R22- R50	Acute toxicity Category 4; H302 Skin corrosion Category 1A; H314 Serious eye damage Category 1; H318 Acute aquatic toxicity Category 1; H400	$< 0.1$
Amines (incl. ethanolamines)	112-75-4 204-002-4 01-2119485584-26	Xn-N; R22- R38-R41-R50	Acute toxicity Category 4; H302 Skin irritation Category 2; H315 Serious eye damage Category 1; H318 Acute aquatic toxicity Category 1; H400	$< 0.1$
<b>WEL substance :</b>				
Propylene glycol	57-55-6 200-338-0 01-2119456809-23			$\geq 5 - < 10$
glycerin	56-81-5 200-289-5	Not Classified	Not Classified;	$\geq 2.5 - < 5$

**Product AT USE DILUTION**  
**Hazardous components**

Chemical Name	CAS-No.	Classification	Classification	Concentration:
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**KitchenPro Wash'n Walk**

	EC-No. REACH No.	(67/548/EEC)	(REGULATION (EC) No 1272/2008)	[%]
boric acid	10043-35-3 233-139-2 01-2119486683-25	R60-R61	Reproductive toxicityCategory 1B; H360FD	>= 0.1 - < 0.25

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****Product AS SOLD**

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

**Product AT USE DILUTION**

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : 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 immediate medical attention and special treatment needed**

Treatment : Treat symptomatically.

**Section: 5. FIREFIGHTING MEASURES****Product AS SOLD****5.1 Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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Unsuitable extinguishing media : None known.

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Decomposition products may include the following materials:  
Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides  
Oxides of phosphorus

**5.3 Advice for firefighters**

Special protective equipment for firefighters : Use personal protective equipment.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

**Section: 6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

**Product AS SOLD**

Advice for non-emergency personnel : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

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

**Product AT USE DILUTION**

Advice for non-emergency personnel : Refer to protective measures listed in sections 7 and 8.

Advice for emergency responders : If specialised 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**

**Product AS SOLD**

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

**Product AT USE DILUTION**

Environmental precautions : No special environmental precautions required.

**6.3 Methods and materials for containment and cleaning up**

**Product AS SOLD**

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material

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or otherwise contain material to ensure runoff does not reach a waterway.

**Product AT USE DILUTION**

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

**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 AND STORAGE**

**7.1 Precautions for safe handling**

**Product AS SOLD**

Advice on safe handling : Avoid contact with skin and eyes. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

**Product AT USE DILUTION**

Advice on safe handling : Wash hands after handling. For personal protection see section 8.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

**7.2 Conditions for safe storage, including any incompatibilities**

**Product AS SOLD**

Requirements for storage areas and containers : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature : 5 °C to 35 °C

**Product AT USE DILUTION**

Requirements for storage areas and containers : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

**7.3 Specific end uses**

**Product AS SOLD**

Specific use(s) : Floor cleaner. Semi-Automatic process  
Floor cleaner. Manual process

**Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

## KitchenPro Wash'n Walk

## 8.1 Control parameters

Product AS SOLD  
Occupational Exposure Limits

CAS-No.	Components	Value type (Form of exposure)	Control parameters	Update	Basis
57-55-6	Propylene glycol	TWA (particles)	10 mg/m <sup>3</sup>	2011-12-01	UKCOSSTD
		TWA (Total vapour and particles)	150 ppm 474 mg/m <sup>3</sup>	2011-12-01	UKCOSSTD
56-81-5	glycerin	TWA (Mist)	10 mg/m <sup>3</sup>	2011-12-01	UKCOSSTD

## DNEL

boric acid	:	End Use: Workers Exposure routes: Dermal Potential health effects: Long-term systemic effects Value: 392 mg/kg
	:	End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 8.3 mg/m <sup>3</sup>
Propylene glycol	:	End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 168 mg/m <sup>3</sup>
	:	End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term local effects Value: 10 mg/m <sup>3</sup>
	:	End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 50 mg/m <sup>3</sup>
	:	End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term local effects Value: 10 mg/m <sup>3</sup>
	:	End Use: Consumers Exposure routes: Dermal Potential health effects: Long-term systemic effects Value: 213 mg/cm <sup>2</sup>
	:	End Use: Consumers Exposure routes: Ingestion Potential health effects: Long-term systemic effects Value: 85 ppm

## PNEC

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boric acid	:	Fresh water Value: 1.35 mg/l
		Marine water Value: 1.35 mg/l
		Intermittent use/release Value: 9.1 mg/l
		Sewage treatment plant Value: 1.75 mg/l
		Sediment Value: 1.8 mg/kg
		Soil Value: 5.4 mg/kg
Propylene glycol	:	Fresh water Value: 260 mg/l
		Marine water Value: 26 mg/l
		Intermittent use/release Value: 183 mg/l
		Fresh water sediment Value: 572 mg/kg
		Marine sediment Value: 57.2 mg/kg
		Sewage treatment plant Value: 20000 mg/l
		Soil Value: 50 mg/kg

## 8.2 Exposure controls

### Product AS SOLD

#### Appropriate engineering controls

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual protection measures

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

Eye/face protection (EN 166) : Safety glasses with side-shields

Hand protection (EN 374) : No special protective equipment required.



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Skin and body protection (EN 14605) : No special protective equipment required.

Respiratory protection (EN 143, 14387) : None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, 89/686/EEC ), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Product AT USE DILUTION**  
**Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Wash hands before breaks and immediately after handling the product.

Eye/face protection (EN 166) : No special protective equipment required.

Hand protection (EN 374) : No special protective equipment required.

Skin and body protection (EN 14605) : No special protective equipment required.

Respiratory protection (EN 143, 14387) : None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, 89/686/EEC ), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Environmental exposure controls**

General advice : Consider the provision of containment around storage vessels.

**Section: 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
Appearance	: liquid	liquid
Colour	: green	light green
Odour	: Perfumes, fragrances	pleasant
pH	: 6.2 - 7.2, 100 %	7.5 - 8.5
Flash point	: Not applicable., Does not sustain combustion.	
Odour Threshold	: Not applicable and/or not determined for the mixture	
Melting point/freezing point	: Not applicable and/or not determined for the mixture	
Initial boiling point and boiling range	: > 100 °C	

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Evaporation rate	: Not applicable and/or not determined for the mixture
Flammability (solid, gas)	: Not applicable and/or not determined for the mixture
Upper explosion limit	: Not applicable and/or not determined for the mixture
Lower explosion limit	: Not applicable and/or not determined for the mixture
Vapour pressure	: Not applicable and/or not determined for the mixture
Relative vapour density	: Not applicable and/or not determined for the mixture
Relative density	: 1.071
Water solubility	: soluble
Solubility in other solvents	: Not applicable and/or not determined for the mixture
Partition coefficient: n-octanol/water	: Not applicable and/or not determined for the mixture
Auto-ignition temperature	: Not applicable and/or not determined for the mixture
Thermal decomposition	: Not applicable and/or not determined for the mixture
Viscosity, kinematic	: Not applicable and/or not determined for the mixture
Explosive properties	: Not applicable and/or not determined for the mixture
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

**9.2 Other information**

Not applicable and/or not determined for the mixture

**Section: 10. STABILITY AND REACTIVITY**

**Product AS SOLD**

**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**

Do not mix with bleach or other chlorinated products – will cause chlorine gas.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

Decomposition products may include the following materials:

Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides  
Oxides of phosphorus

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**Section: 11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Product AS SOLD**

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

**Toxicity**

Acute oral toxicity : Acute toxicity estimate : > 2,000 mg/kg

Acute inhalation toxicity : There is no data available for this product.

Acute dermal toxicity : There is no data available for this product.

Skin corrosion/irritation : There is no data available for this product.

Serious eye damage/eye irritation : There is no data available for this product.

Respiratory or skin sensitization : There is no data available for this product.

Carcinogenicity : There is no data available for this product.

Reproductive effects : There is no data available for this product.

Germ cell mutagenicity : There is no data available for this product.

Teratogenicity : 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 toxicity : There is no data available for this product.

**Components**

Acute oral toxicity : Sodium Xylenesulfonate  
LD50 rat: > 7,000 mg/kg

alcohols, c12-16, ethoxylated  
LD50 rat: 1,100 mg/kg

amines, coco alkyl dimethyl, n-oxides  
LD50 rat: 846 mg/kg

Primary, Secondary, Tertiary alkylamines  
LD50 rat: 1,450 mg/kg

Amines (incl. ethanolamines)  
LD50 rat: 1,460 mg/kg

Propylene glycol  
LD50 rat: 22,000 mg/kg

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glycerin  
LD50 rat: 18,300 mg/kg

**Components**

Acute inhalation toxicity : Propylene glycol  
4 h LC50 rat: > 158.5 mg/l

**Components**

Acute dermal toxicity : alcohols, c12-16, ethoxylated  
LD50 rabbit: > 2,000 mg/kg

amines, coco alkyl dimethyl, n-oxides  
LD50 rat: > 2,174 mg/kg

glycerin  
LD50 rabbit: 23,000 mg/kg

**Potential Health Effects****Product AS SOLD**

Eyes : Causes serious eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

**Product AT USE DILUTION**

Eyes : Health injuries are not known or expected under normal use.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

**Experience with human exposure****Product AS SOLD**

Eye contact : Redness, Pain, Irritation

Skin contact : No symptoms known or expected.

No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

No symptoms known or expected.

**Product AT USE DILUTION**

Eye contact : No symptoms known or expected.

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Skin contact : No symptoms known or expected.  
Ingestion : No symptoms known or expected.  
Inhalation : No symptoms known or expected.

**Section: 12. ECOLOGICAL INFORMATION**

**Product AS SOLD**

**12.1 Ecotoxicity**

Environmental Effects : This product has no known ecotoxicological effects.

**Product**

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

Toxicity to algae : no data available

**Components**

Toxicity to fish : alcohols, c12-16, ethoxylated  
96 h LC50 Fish: 1.5 mg/l

amines, coco alkyltrimethyl, n-oxides  
96 h LC50 Fish: 1 mg/l

boric acid (H<sub>3</sub>BO<sub>3</sub>), compd. with 2-aminoethanol (1:1)  
96 h LC50: 74 mg/l

Propylene glycol  
96 h LC50: > 10,000 mg/l

glycerin  
96 h LC50 Fish: 855 mg/l

**Components**

Toxicity to daphnia and other aquatic invertebrates : Propylene glycol  
48 h EC50: 18,340 mg/l

**Components**

Toxicity to algae : Sodium Xylenesulfonate  
96 h EC50: 230 mg/l

Primary, Secondary, Tertiary alkylamines  
72 h EC50: 0.024 mg/l

Amines (incl. ethanolamines)  
72 h EC50: 0.03 mg/l

Propylene glycol  
96 h EC50: 19,000 mg/l

**12.2 Persistence and degradability**

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**Product**

Biodegradability : The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

**Components**

Biodegradability : Sodium Xylenesulfonate  
Result: Biodegradable

Boric acid  
Result: Not applicable.

alcohols, c12-16, ethoxylated  
Result: Readily biodegradable.

amines, coco alkyl dimethyl, n-oxides  
Result: Readily biodegradable.

boric acid (h3bo3), compd. with 2-aminoethanol (1:1)  
Result: Readily biodegradable.

Propylene glycol  
Result: Readily biodegradable.

glycerin  
Result: Readily biodegradable.

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

**Product**

Assessment : This substance/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**

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**13.1 Waste treatment methods**

**Product AS SOLD**

Product : Where possible recycling is preferred to disposal or incineration. If

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recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Contaminated packaging : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

European Waste Catalogue : 200129\* - detergents containing dangerous substances

**Product AT USE DILUTION**

Product : Diluted product can be flushed to sanitary sewer.

Contaminated packaging : Dispose of in accordance with local, state, and federal regulations.

**Section: 14. TRANSPORT INFORMATION****Product AS SOLD**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (ADR/ADN/RID)**

14.1 UN number : Not dangerous goods  
14.2 UN proper shipping name : Not dangerous goods  
14.3 Transport hazard class(es) : Not dangerous goods  
14.4 Packing group : Not dangerous goods  
14.5 Environmental hazards : Not dangerous goods  
14.6 Special precautions for user : Not dangerous goods

**Air transport (IATA)**

14.1 UN number : Not dangerous goods  
14.2 UN proper shipping name : Not dangerous goods  
14.3 Transport hazard class(es) : Not dangerous goods  
14.4 Packing group : Not dangerous goods  
14.5 Environmental hazards : Not dangerous goods  
14.6 Special precautions for user : Not dangerous goods

**Sea transport (IMDG/IMO)**

14.1 UN number : Not dangerous goods  
14.2 UN proper shipping name : Not dangerous goods  
14.3 Transport hazard class(es) : Not dangerous goods  
14.4 Packing group : Not dangerous goods  
14.5 Environmental hazards : Not dangerous goods  
14.6 Special precautions for user : Not dangerous goods

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user  
14.7 Transport in bulk : Not dangerous goods  
according to Annex II of  
MARPOL 73/78 and the IBC  
Code

**Product AT USE DILUTION**

Not intended for transport.

**Section: 15. REGULATORY INFORMATION**

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

according to Detergents : 5 % or over but less than 15 %: Anionic surfactants  
Regulation EC 648/2004 less than 5 %: Amphoteric surfactants, Non-ionic surfactants  
Contains: Enzymes  
Contains: Perfumes  
Preservation agents:  
2-phenoxyethanol  
1,2-benzisothiazol-3(2H)-one

**National Regulations**

**Take note of Dir 94/33/EC on the protection of young people at work.**

Other regulations : The Chemicals (Hazard Information and Packaging for Supply)  
Regulations.  
The Control of Substances Hazardous to Health Regulations.  
Health and Safety at Work Act.

**15.2 Chemical Safety Assessment**

This product contains substances for which Chemical Safety Assessments are still required.

**Section: 16. OTHER INFORMATION**

**Full text of R-Phrases**

Not Classified	Not Classified
R22	Harmful if swallowed.
R35	Causes severe burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.
R60	May impair fertility.
R61	May cause harm to the unborn child.

**Full text of H-Statements**

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H360	May damage fertility or the unborn child.



**KitchenPro Wash'n Walk**H360FD  
H400May damage fertility. May damage the unborn child.  
Very toxic to aquatic life.**Full text of other abbreviations****Further information**

Prepared by : Regulatory Affairs

Numbers quoted in the MSDS are given in the format: 1,000,000 = 1 million and 1,000 = 1 thousand. 0.1 = 1 tenth and 0.001 = 1 thousandth

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

**ANNEX: EXPOSURE SCENARIOS****DPD+ Substances:**

The following substances are the lead substances that contribute to the mixture Exposure Scenario according to the DPD+ Rule:

Route	Substance	CAS-No.	EINECS-No.
CMR, categories 1 and 2	Boric acid boric acid (h3bo3), compd. with 2-aminoethanol (1:1)	10043-35-3 68586-07-2	233-139-2 271-606-2
Ingestion	boric acid (h3bo3), compd. with 2-aminoethanol (1:1)	68586-07-2	271-606-2
Inhalation	boric acid (h3bo3), compd. with 2-aminoethanol (1:1)	68586-07-2	271-606-2
Dermal	boric acid (h3bo3), compd. with 2-aminoethanol (1:1)	68586-07-2	271-606-2
Eyes	alcohols, c12-16, ethoxylated	68551-12-2	
aquatic environment	amines, coco alkyl dimethyl, n-oxides	61788-90-7	263-016-9

**Physical properties DPD+ Substances:**

Substance	Vapour pressure	Water solubility	Pow	Molar Mass
Boric acid				61.84 g/mol

To calculate if your downstream Operating Conditions and Risk management Measures are safe, please calculate your risk factor at the website below:

[www.ecetoc.org/tra](http://www.ecetoc.org/tra)

**KitchenPro Wash'n Walk**

**Short title of Exposure Scenario** : **Floor cleaner. Semi-Automatic process**

**Use descriptors**

Main User Groups : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Sectors of end-use : **SU22:** Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process categories : **PROC10:** Roller application or brushing  
**PROC8a:** Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at non-dedicated facilities

Product categories : **PC35:** Washing and cleaning products (including solvent based products)

Environmental Release Categories : **ERC8a:** Wide dispersive indoor use of processing aids in open systems

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