ECOLAB

David Murray John Building Swindon Wiltshire SN1 1 NH Tel: 01793 511221 Fax: 01793 618552



NHS SUPPLY CHAIN NORMANTON	Account no: 115749005		
NHS SUPPLY CHAIN FOXBRIDGE WAY NORMANTON	Date:	12/11/2012	
WEST YORKS WF6 1TL			

DATA SHEETS ENCLOSED

3045460	MAGIC MAXX	12X1L	FOR THE ATTENTION OF THE SAFETY OFFICER	
		Please find enclosed the CHIP Safety Data Sheets for the products you have recently purchased from Ecolab.		
			The checklist on the left-hand side of this letter advises which Data Sheets have been sent to you on this occasion. in the event of a missing sheet, please mark the item clearly and we will arrange for this to be sent out as soon as your response has been received at our Head Office.	
			Would you please acknowledge receipt by signing the confirmation slip at the bottom of this page and returning the complete letter to our Customer Services department at the above address. Alternatively, you can contact us by e-mail at <u>ccs@ecolab.com</u> , quoting the letter reference above and the full list of Data Sheets received.	
			any further assistance, please do not hesitate to contac us.	
			Yours sincerely,	
			Hilary Stuart	
I confirm that	the above sheets hav	e been received.		
Print Name				
Signature				
Job Title				
JOD TILLE				

SAFETY DAT

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

Magic maxx

Version: 1

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

1.1 Product identifier

Product name	: Magic maxx
Product code	: 112238E
Product use	: Heavy duty cleaner
	Product is for professional use only

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

Identified uses General purpose cleaner. Manual process General purpose cleaner. Spray and wipe manual process Floor cleaner. Semi-Automatic process

Floor cleaner. Manual process

1.3 Details of the supplier of the safety data sheet

Manufacturer! Distributor/	: Ecolab Ltd.
Importer	David Murray John Building
-	UK-SN1 1NH Swindon, Wiltshire
	England
	Tel +44 (0)1793 511221
	Fax +44 (0)1793 618552
	CCS@ecolab.com

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : 0870 600 6266 (This service is only available to health professionals)

Manufacturer/ Distributor/ Importer

Telephone number: 01793 511221

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Directive 1999/45/EC [DPD1

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification	: Not classified.
Physical/chemical hazards	: Not applicable.
Human health hazards	: Not applicable.
Environmental hazards	: Not applicable.

See section 16 for the full text of the R-phrases declared above

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

2.2 Label elements	
Risk phrases	: This product is not classified according to EU legislation.
Safety phrases	: Not applicable.
Supplemental label elements	: Safety data sheet available for professional user on request.

SECTION 2: Hazards identification

2.3 Other hazards

Other hazards which do : Not applicable. not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Identifiers %	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре	
	5-10	Xi; R38	Skin Irrit. 2, H315	[1]
C: 209-406-4 AS: 577-11-7	1-5	Xi; R41, R38	Skin Irrit. 2, H315 Eye Dam. 1, H318	[1]
	3-5	Xn; R22 Xi; R36/38	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[1]
RN: 01-2119457558-	1-5	F; R11	Flam. Liq. 2, H225	[1] [2]
C: 200-661-7 AS: 67-63-0		Xi; R36 R67	Eye Irrit. 2, H319 STOT SE 3, H336	
dex: 603-117-00-0				
		See section 16 for the full text of the R- phrases declared above	See Section 16 for the full text of the H statements declared above.	
	NS: 577-11-7 RN: 01-2119457558- C: 200-661-7 NS: 67-63-0	2: 209-406-4 1-5 AS: 577-11-7 3-5 RN: 01-2119457558- 1-5 2: 200-661-7 S: 67-63-0	2: 209-406-4 1-5 Xi; R41, R38 XS: 577-11-7 3-5 Xn; R22 Xi; R36/38 Xn; R22 RN: 01-2119457558- 1-5 F; R11 2: 200-661-7 Xi; R36 R67 XS: 67-63-0 See section 16 for See section 16 for dex: 603-117-00-0 See section 16 for See section 16 for	5-10 Xi; R38 Skin Irrit. 2, H315 S: 209-406-4 1-5 Xi; R41, R38 Skin Irrit. 2, H315 S: 577-11-7 3-5 Xi; R41, R38 Skin Irrit. 2, H315 S: 577-11-7 3-5 Xn; R22 Skin Irrit. 2, H315 RN: 01-2119457558- 1-5 F; R11 Flam. Liq. 2, H325 S: 200-661-7 Xi; R36 R67 Eye Irrit. 2, H319 S: 67-63-0 Xi; R36 R67 Eye Irrit. 2, H319 Stort S: 603-117-00-0 See section 16 for the full text of the R- phrases declared See Section 16 for the full text of the H statements declared

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

<u> Type</u>

[1] Substance classified with a health or environmental hazard

- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid n	neasures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	 Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Protection of first-alders	$\frac{1}{2}$ No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	May cause eye irritation.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.

SECTION 4: First aid measures

Ingestion	: No known significant effects or critical hazards.		
Over exposure signs/sym	<u>ptoms</u>		
Eye contact	No specific data. No specific	data. No specific data. No	
Inhalation	: specific data. 4.3 Indicati	on of any immediate	
Skin contact	• • •		
Ingestion	medical attention and special treatment needed		
	Notes to physician quantities have been ingeste	: Treat symptomatically. Contact poison treatment special or inhaled.	
Specific treatments	: No specific treatment.		

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	: Use dry chemical, CO2, water spray (fog) or foam.	
Unsuitable extinguishing media	: Do not use water jet	
5.2 Special hazards arising 1 Hazards from the	from the substance or mixture : Combustible liquid. In a fire or if heated, a pressure increase will occur and the	
substance or mixture	container may burst, with the risk of a subsequent explosion.	
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides	
5.3 Advice for firefighters		
Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.	
Special protective equipment for fire-fighters	: Fire-fighters should wear proper protective equipment.	

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Put on appropriate personal protective equipment.
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. See also Section 8 for additional information on hygiene measures.
6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains advestine battle feedbace view of the pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

SECTION 6: Accidental release measures

Small spill:	: Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment.
Large spill	: Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
7.3 Specific end use(s)	
Recommendations Industrial sector specific solutions	: Not applicable. : Not applicable.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name Propan 2 ol		Exposure limit valuesEH40/2005 WELs (United Kingdom (UK), 8/2007).STEL: 1250 mg/m³ 15 minute(s).STEL: 500 ppm 15 minute(s).TWA: 999 mg/m³ 8 hour(s).TWA: 400 ppm 8 hour(s).		
Derived effect levels No DELs available.				
Predicted effect concentrat No PECs available.	<u>ions</u>			
2 Exposure controls Appropriate engineering controls	ventilation of contaminan controls	ith adequate ventilation. Use process enclosures, local exhaust or other engineering controls to keep worker exposure to airborne its below any recommended or statutory limits. The engineering o keep gas, vapour or dust concentrations below any lower explosive		
Individual protection meas				
Hygiene measures	: Wash hands, eating, smo Appropriate Wash conta	forearms and face thoroughly after handling chemical products, before king and using the lavatory and at the end of the working period. techniques should be used to remove potentially contaminated clothing minated clothing before reusing. Ensure that eyewash stations and ters are close to the workstation location.		
Eye/face protection	,	: No special recommendations.		
(EN 166) <u>Skin protection</u> Hand protection (EN 374)		: No special recommendations.		
Body protection (EN 14605)				
Other skin protection	being perfor	tective equipment for the body should be selected based on the task rmed and the risks involved and should be approved by a specialist ling this product.		
	selected bas	footwear and any additional skin protection measures should be ed on the task being performed and the risks involved and should be a specialist before handling this product.		
Respiratory protection (EN 143, 14387)	: A respirator	is not needed under normal and intended conditions of product use.		
(EN 143, 14387) Environmental exposure controls	they comply cases, fume	om ventilation or work process equipment should be checked to ensure with the requirements of environmental protection legislation. In some e scrubbers, filters or engineering modifications to the process will be necessary to reduce emissions to acceptable levels.		

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	Liquid.
Colour	Green
Odour	Fragrance-like
Odour threshold	Not applicable and/or not determined for the mixture.
рН	10.1 to 10.6 [Conc. (% w/w): 100%]
Melting point/freezing point	Not applicable and/or not determined for the mixture.
Initial boiling point and boiling range	Not applicable and/or not determined for the mixture.
Flash point	: 69 °C (Closed cup)
Evaporation rate	Not applicable and/or not determined for the mixture.
Flammability (solid, gas) Burning time	: Not applicable and/or not determined for the mixture. : Not applicable and/or not determined for the mixture.
Burning rate	: Not applicable and/or not determined for the mixture.
Upper/lower flammability or explosive limits	: Not applicable and/or not determined for the mixture.
Vapour pressure	Not applicable and/or not determined for the mixture.
Vapour density	Not applicable and/or not determined for the mixture.
Relative density	1.004 to 1.014
Solubility(ies)	Easily soluble in the following materials: cold water and hot water.
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.
Decomposition temperature	: Not applicable and/or not determined for the mixture.
Viscosity	: Dynamic: 16 mPa.s
Explosive properties	: Not applicable.
Oxidising properties	: None.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity		
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.	
10.2 Chemical stability	: The product is stable.	
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
10.4 Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.	
10.5 Incompatible materials	No specific data.	
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Product/ing

Acute toxicity Product/ingredient name	Result	Species		Dose	Exposure
(Fatty Acid)	LD50 Oral	Rat	100	0 mg/kg -	-
Alkylsulphosuccinates Propan-2-ol	LD50 Oral	Rat		0 mg/kg	
Conclusion/Summary	Not determined for the mixt	uro		5 5	
Crritation/Corrosion	. Not determined for the mixt	ure.			
Product/ingredient name	Result	Species	Score	Exposure	Observation
(Fatty Acid) Alkylsulphosuccinates	Eyes Mild irritant	Rabbit			
5	Eyes - Severe irritant	Rabbit	-		_
Propan-2-ol	Skin - Moderate irritant	Rabbit	-	-	
Flopali-z-ol	Eyes - Moderate irritant	Rabbit Rabbit	-	_	-
	Eyes - Severe irritant Skin - Mild irritant	Rabbit	-	-	
ConclusionISummary Sensitiser	: Not determined for the mixt	ure.			-1
Conclusion/Summary	: Not determined for the mixt	ure.			
Mutagenicity					
Conclusion/Summary	: Not determined for the mixt	ure.			
<u>Carcinogenicity</u>					
Conclusion/Summary	: Not determined for the mixt	ure.			
Reproductive toxicity					
Conclusion/Summary	: Not determined for the mixtu	ire.			
<u>Teratogenicity</u>					
Conclusion/Summary					
Information on the likely	: Not determined for the mixture. : Not determined for the mixture.				
routes of exposure Potential acute health effects		Not determined to	r the mix	dure.	
Inhalation	No known significant effect	s or critical hazard	ls		
Ingestion	No known significant effect				
Skin contact	No known significant effects or critical hazards.				
Eye contact	: May cause eye irritation.				
Symptoms related to the phy	sical. chemical and toxicolog	gical characterist	<u>ics</u>		
Inhalation	: No specific data.				
Ingestion	: No specific data.				
Skin contact	: No specific data.				
Eye contact	: No specific data.				
-	cts and also chronic effects fr	om short and lone	<u>g term e</u>	xposure	
Short term exposure					
Potential immediate effects	: Not determined for the mixt	ure.			
Potential delayed effects	Not determined for the mixtur	e.			
Long term exposure					
Potential immediate effects	: Not determined for the mixed	ture.			
Potential delayed effects : Potential chronic health eff	Not determined for the mixture	9.			
Conclusion/Summary	: Not determined for the mixt	ure.			

SECTION 11: Toxicological information

General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Other information	Not determined for the mixture.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
(Fatty Acid) Alkylsulphosuccinates	Acute LC50 <24 mg/L	Fish	96 hours
Propan-2-ol	Acute LC50 >1400 mg/L	Fish	96 hours

Conclusion/Summary : Not determined for the mixture.

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential				
Conclusion/Summary	: Not determined for the mixture.			
12.4 Mobility in soil				
Soil/water partition coefficient (Koc)	: Not determined for the mixture.			
Mobility	: Not determined for the mixture.			
12.5 Results of PBT and vPv	B assessment			
РВТ	: Not applicable.			
vPvB	: Not applicable.			

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods <u>Product</u>	5
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Hazardous waste	: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.
European waste catalogue	(EWCI

SECTION 13: Disposal considerations		
Waste code	Waste designation	
20 01 30	detergents other than those mentioned in 20 01 29	
<u>Packaging</u> Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.	
Special precautions	: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.	

SECTION 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name		-	-	
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group			-	
14.5 Environmental hazards	No.	No.	No.	No.
14.6 Special precautions for user	None.	None.	None.	None.

14.7 Transport in bulk: Not applicable.according to Annex II ofMARPOL 73/78 and the IBCCode

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

ISECTION 15: Regulatory information

Ingredient declaration according to detergent regulation 648/2004/EC:

5 - <15%	non-ionic	surfactants
• • • • • • •		

<5% anionic surfactants, soap

Contains Perfumes: (Limonene, Citronellol, Citral. Geraniol)

National 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

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration REACH # = REACH Registration Number		
Full text of abbreviated H statements	: H225 H 302 H315 H318 H319 H336	Highly flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Causes serious eye damage. Causes serious eye irritation. May cause drowsiness or dizziness. ACUTE TOXICITY: ORAL - Category 4	
Full text of classifications CLP/GHS]	: Acute Tox. 4, H302 Eye Dam. 1, H318 Eye Irrit. 2, H319 Flam. Liq. 2, H225 Skin knit. 2, H315 STOT SE 3, H336	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3	
Full text of abbreviated R phrases	 R11- Highly flammable. R22- Harmful if swallowed. R41- Risk of serious damage to eyes. R36- Irritating to eyes. R38- Irritating to skin. R36138- Irritating to eyes and skin. R67- Vapours may cause drowsiness and dizziness. F - Highly flammable Xn - Harmful Xi - Irritant 		
Full text of classifications IDSDIDPD]			
Date of printing Date of issue! Date of			
revision	: 29 August 2011 : 29		
Date of previous issue Version	August 2011 : No		
Notice to reader	previous validation : 1		

SECTION 16: Other information

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.