



**Merton Group**  
Cleaning and hygiene products that don't cost the earth

**ENVOMATIC**

**SAFETY DATA SHEET**


**0994 – Non-Biological Laundry Detergent**

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

<b>1.1 Product Name</b>	0994 – Non-Biological Laundry Detergent - 20ltr				
<b>1.2 Other Names</b>	Non-Biological Laundry Detergent				
<b>SDS No</b>	C2/616	<b>Rev Date:</b>	31 <sup>st</sup> March 2015	<b>Rev No:</b>	1
<b>1.3 Application</b>	Laundry				
<b>1.4 Supplier</b>	Merton Group UK Ltd Unit 9 Foxholes Road off Golf Course Lane Leicester LE3 1TH  Phone 0116 231 4040 headoffice@mertongroup.co.uk				
<b>1.5 Emergency Contact Number</b>	0116 231 4040 (Hours of Operation – 09.00 to 17:00 Monday to Friday)				



**SECTION 2. HAZARD IDENTIFICATION**

**Classification (1999/45/EEC)**

<b>2.1 Classification</b>	Irritant
<b>2.2 Labelling</b>	 <b>IRRITANT</b>
<b>Risk Statements</b>	R36/38 – Irritating to eyes and skin
<b>Safety Statements</b>	S2 - Keep out of reach of children
<b>2.3 Other Hazards</b>	None know

**Classification (EC1272/2008)**

<b>2.1 Signal Word</b>	Danger
<b>2.1 Classification</b>	Physical: Not classified Health: Eye Dam. 1- H318; Skin Irrit. 2 - H315 Environmental Not classified
<b>Hazard Statements</b>	H318 Causes serious eye damage. H315 Causes skin irritation
<b>Precautionary Statements</b>	P264 – Wash hands thoroughly P280 – Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 – IF ON SKIN: Wash with soap and water P305+351+338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do so – Continue rinsing

	P310 – Immediately call a POISON CENTRE or doctor / physician					
<b>2.2 Labelling</b>						
	GHS05	GHS07				
<b>2.3 Other Hazards</b>						

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

## 3.2 Mixture

Product	EC (EINECS No.)	CAS-No.	%
Coconut Diethanolamide	271-657-0	68603-42-9	1-10
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Skin Irrit. 2 – H315, Eye Dam. 1 – H318. Environmental: Not Classified.		Xi; R38, R41	
Product	EC (EINECS No.)	CAS-No.	%
Sodium Dodecyl Benzene Sulphonate	-	25155-30-0	<5
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Eye Dam. 1 – H318, Skin Irrit. 2 – H315. Environmental: Not Classified.		Xn; R22 Xi; R38, R41	
Product	EC (EINECS No.)	CAS-No.	%
1-Propanaminium, 3-Amino-n-(carboxymethyl)-n,n-dimethyl,n-C8-18 (even numbered) acyl derivs, hydroxides inner salts	913-296-8	-	<1
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Eye Dam. 1 – H318. Environmental: Not Classified.		Xi; R41	
Product	EC (EINECS No.)	CAS-No.	%
Betaines, Bis-(1,2-ETHANEDIOL) Tallow DIMETHYL	274-845-0	70750-46-8	<1
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Not Classified. Environmental: Not Classified.		Xi; R36/38	
Product	EC (EINECS No.)	CAS-No.	%
Sodium Xylenesulphonate	215-090-9	1300-72-7	<1
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Eye Irrit. 2 – H319. Environmental: Not Classified.		Xi; R36	
Product	EC (EINECS No.)	CAS-No.	%
Parfum'	N/a	N/a	<1
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Flam Lqd 3 – H226 Health: Skin sen. 1 – H317, Aspiration 1 – H304 Environmental: Aquatic Chronic 2 – H411		Xn; R43, R65 N; R51/53	

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

Inhalation	Move exposed person to fresh air. Get medical attention
Ingestion	Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water, seek medical attention if discomfort continues
Skin Contact	Remove contaminated clothing and wash with soap and water.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Get medical attention if discomfort continues. Continue to rinse.

4.2 Most Important Symptoms and effects, both acute and delayed

General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation, possible soreness and redness to throat mouth and stomach
Skin Contact	Possible Irritation, redness to skin
Eye Contact	Possible eye irritation or damage

4.3 Indication of immediate medical attention and special treatment needed if necessary

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## SECTION 5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media Use:

The preparation is not readily flammable, use fire-extinguishing media suitable for surrounding materials

5.2 Specific Hazard arising from the chemical

When heated in the case of fire, harmful or toxic gases may be produced

5.3 Special protective actions for fire fighters

Self contained breathing apparatus and full protective clothing must be worn

## SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

a. The wearing of suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing.

b. Provide sufficient ventilation.

c. Follow precautions for safe handling described in section 7 of this SDS.

6.2 Environmental Precautions

Spillages of uncontrolled discharges into watercourses must be Immediately alerted to the Environmental Agency or other appropriate regulatory body, without endangering individuals every effort should be made to prevent entrance to drains.

6.3 Methods and material for containment and clean up

Drains should be Bunded or capped to prevent entrance or damage.

Ventilate well. Dilute with copious amounts of water. Collect with absorbent, non-combustible material into suitable containers. Flush area with plenty of water.

## SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid Spilling, skin and eye contact. Keep away from heat, sparks and open flames. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented

Do Not Smoke In Work Area! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.

7.2 Conditions for safe Storage, including incompatibilities

Keep in original containers. Do not allow product to freeze, avoid extreme temperatures

7.3 Specific end use(s)

The identified use for this product is detailed in section 1.2.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters						
Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
Sodium Dodecyl Benzene Sulphonate	WEL		15 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>	
1-Propanaminium, 3-Amino-n-(carboxymethyl)-n,n-dimethyl,n-C8-18 (even numbered) acyl dervis, hydroxides inner salts				1 ppm	2.9 mg/m <sup>3</sup>	
WEL= Workplace Exposure Limit						
8.2 Appropriate engineering controls						
Provide adequate ventilation						
8.3 Individual protection measures, such as personal protective equipment (PPE)						
<b>Respiratory Equipment</b>	Ensure ventilation is in sufficient.					
<b>Hand Protection</b>	Nitrile or PVC gloves are recommended.					
<b>Eye Protection</b>	Wear approved safety goggles.					
<b>Other Protection</b>	Wear rubber or PVC footwear, protective clothing PVC.					

Protective Equipment



## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties			
<b>This Product is a</b>	Mixture		
<b>Appearance</b>	Liquid		
<b>Colour</b>	Blue		
<b>Odour</b>	Pleasant		
<b>Solubility</b>	Soluble in water		
<b>pH value</b>	9	<b>Boiling Point (°C)</b>	>100
<b>Relative Density</b>	1.01 – 1.03		
9.2 Other information			

## SECTION 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	None known
<b>10.2 Chemical stability</b>	Stable under normal conditions and use.
<b>10.3 Possibility of hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time. Do Not allow to freeze
<b>10.5 Incompatible materials</b>	None Know
<b>10.6 Hazardous decomposition products</b>	In combustion emits toxic fumes

## SECTION 11. TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	Toxicological information We have not carried out any animal testing; therefore we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufacture, can be made available on request.
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## SECTION 12. ECOLOGICAL INFORMATION

<u>12.1 Toxicity</u>
We have not carried out any Aquatic testing; therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity data, where provided by the raw material manufacturer for the ingredients with aquatic toxicity can be provided on request
<u>12.2 Persistence and degradability</u>
Degradability: the surfactants used in this preparation are designed for disposal via normal foul water disposal methods
<u>12.3 Bioaccumulative potential</u>
This preparation does not contain any substance that is expected to be bioaccumulating
<u>12.4 Mobility in soil</u>
The product is soluble in water
<u>12.5 Results of PBT and vPvB</u>
This preparation does not contain and PBT or vPvB substances
<u>12.6 Other adverse effects</u>
Not Known

## SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The preparation is designed for disposal via foul drain after use. Large volumes to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Clean used container and recycle.

## SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous for transport, as per IATA, ADR & IMDG.

## SECTION 15. REGULATORY INFORMATION

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

Guidance notes: Workplace Exposure Limits EH40

EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 and CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC and GHS / CLP – Regulation (EC) No 1272/2008 classification, ADR 2013

15.2 Chemical Safety Assessment

Not applicable this product is a mixture

## SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	1/0
Generated	31 <sup>st</sup> March 2015
SDS No.	C2/616-CLP
SDS Status	Ok
Approved	31 <sup>st</sup> March 2015
Notes	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
Risk phrases in full	R22 – Harmful if swallowed R36 – Irritating to eyes R38 – Irritating to skin R41 – Risk of serious eye damage R43 – May cause sensitization by skin contact R51/53 – Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment R65 – Harmful: may cause lung damage if swallowed
Hazard statements in full	H226 – Flammable liquid and vapours H304 – May be fatal if swallowed and enters airways H315 – Causes skin irritation H317 – May cause an allergic skin reaction H318 – Causes serious eye damage H319 – Causes serious eye irritation H411 – Toxic to aquatic life with long lasting effects
Supplementary	P332+P313 – If skin irritation occurs: Get medical advice / attention

P- Statements	P362 – Take off contaminated clothing and wash before reuse
<b>END of SDS</b>	

**\*\*SAFETY DATA SHEET\*\***