

ABSOLUTELY ECO-FRIENDLY



**GREENCOAT™**  
CLEAN

**DISHWASHING LIQUID**

## TECHNICAL AND MATERIAL SAFETY DATA SHEET

### DISCLAIMER AND IMPORTANT SAFETY NOTICE

To the best of our knowledge the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact GREENCOAT before ordering to ensure the correct products are used for application. No guarantee of accuracy is given nor implied. We guarantee that all GREENCOAT products have undergone quality control procedures to conform to GREENCOAT quality control standards. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to the replacement of products. Prices and cost data, if shown, are subject to change without prior notice. The factory will NOT be responsible for damage or loss if application is not done by GREENCOAT trained applicators or if GREENCOAT specifications are not adhered to. It is the customers' responsibility to ensure they familiarize themselves with the correct application methods and ask for help from GREENCOAT. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY GREENCOAT, EXPRESSOR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

### SUPPLIER IDENTIFICATION AND INFORMATION

<b>Manufacturer name</b>	<b>GREENCOAT</b>
<b>Address of manufacturing</b>	<b>7 Vuyisile Mini Street, Bethal, 2310</b>
<b>Tel number</b>	<b>071 482 2029</b>
<b>Fax number</b>	<b>017 647 6011</b>
<b>Email</b>	<b>admin@greencoat.co.za</b>

## PRODUCT DESCRIPTION

GREENCOAT Clean is a high-quality dishwashing liquid that effectively removes oil and grease on dishes. Its instant acting suds cut oil and grease faster than ordinary detergents. Stubborn food residue such as milk rings on glasses, egg and other proteins, oil on dishes, even carbonized grease and oil on pots, dissolves faster and floats away. The product is very gentle to hands and leaves behind a fruity fragrance of lemon.

This product is not limited to cleaning just dishes, pots and pans, it also serves as an excellent glass wash, floor and wall cleaner, a window cleaner, a mild car wash and a laundry pre-soak.

Colour	Green
Odour	lemon
pH	7
Sg	1.01 - 1.02
Viscosity	1,300 - 1,500 cP
Flash Point	None
Stability	2 years from production date

## PHYSICAL PROPERTIES

**Appearance:** Clear, viscous liquid free from any suspended matter and impurities

## INGREDIENTS

Water, Anionic Surfactant, Amphoteric Surfactant, Cocoamide DEA, Cellulose Polymer, Fragrance, Preservative and Colour

## APPLICATIONS

- In a soap dish, put 2 tablespoons (approximately 10 mL) of GREENCOAT Clean dishwashing liquid and add 3/4 cup of water (approximately 150 ml).
- Dip wet sponge or brush in cleaning solution and wash dishes normally.
- It is recommended to pre- soak soiled dishes in warm water.
- For heavily soiled dishes, dissolve 1/ 4 cup (approximately 50mL) of GREENCOAT Clean dishwashing liquid in 20 Lt of soaking water.
- Discard used cleaning solution after use.
- For other cleaning purposes, add 1/ 2 cup of GREENCOAT Clean dishwashing liquid in a bucket of water and use as necessary.

**STORAGE** Store the original container in cool and dry place away from food and feeding stuff.

**PRECAUTION** Keep away from the reach of children

## PRODUCT IDENTIFICATION

**Product name** Dishwashing liquid  
**Code** ew1- 0  
**Chemical /technical nature** Under test for the SABS 1853 approved mark.

## COMPOSITION / INFORMATION ON INGREDIENTS

Regardless of hazard classification, GREENCOAT discloses all intentionally added ingredients and, if applicable incidental ingredients  $\geq 1\%$  on the consumer product label.

Ingredient	Function	CAS Number	Concentration <sup>1</sup>	1LD50 <sup>2</sup>
Aqua (water)	diluent	7732-18-5	30% - 100%	Not applicable
Sodium lauryl sulfate	cleaning agent	151-21-3	10% - 30%	1288 mg/kg
Dodecylbenzene sulfonic acid	cleaning agent	68584-22-5	1% - 3%	Not available
Citric acid	pH adjuster	77-92-9	$\leq 1\%$	3000 mg/kg
Essential oils & botanical extracts*	fragrance	mixture	$\leq 1\%$	>2000 mg/g
Benzisothiazolinone	preservative	2634-33-5	$\leq 1\%$	1020 mg/kg
Methylisothiazolinone	preservative	2682-20-4	$\leq 1\%$	>100

mg/kg Free & Clear not applicable.

\* Clementine Zest & Lemongrass canarium luzonicum (elemi) gum nonvolatiles, citrus aurantium bergamia (bergamot) fruit oil, citrus aurantium dulcis (orange) oil, citrus nobilis (mandarin orange) peel oil, cymbopogon schoenanthus (lemongrass) oil, tangelo oil. d-Limonene is a component of these essential oils.

<sup>1</sup> Where ranges are shown, the exact concentration has been withheld as a trade secret.

<sup>2</sup> LD50 Acute oral toxicity (rat) – This is a value provided by the raw material supplier or scientific literature. It is not a value generated by Greencoat

For detailed risk and safety phrases see *Regulatory information / EEC classification* on page 5 this msds. Please note data are typical of the product and not a specification or a full composition.

## HAZARD IDENTIFICATION

None, can cause irritation to eye.

## FIRST AID MEASURES

Inhalation	Fresh air
Skin contact	Wash and dry off
Eye contact	Rinse with water
Ingestion	Seek medical attention

## FIRE-FIGHTING MEASURES

Extinguishing media	Dry powder, CO <sub>2</sub> , Water
Specific hazards	None known

## ACCIDENTAL RELEASE MEASURES

Clean up method	Discharge in accordance with local regulations
Environmental precaution	Do not discharge large volume

## HANDLING AND STORAGE

Handling	Normal handling
Storage	Cool storage, avoid high temperatures

## EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	No specific requirements
Personal protective equipment	Goggles

## STABILITY AND REACTIVITY

Stability	Stable under normal cool conditions
Hazardous decomposition products	None known

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green viscous liquid	
Odour	Lemon odour	
PH as supplied	7	
PH in 1% H <sub>2</sub> O	7	
Boiling point range	> 150	Degrees C
Melting point range	Na	Degrees C
Viscosity @ 20 degrees C	Na	mPa-s
Flash point	Na	Degrees C
Auto ignition temperature	Na	Degrees C
Explosion limits in air volume %	Na	
Vapour pressure @ 20 degrees C	Na	
Specific gravity- SG	0.99 - 1.05	

Solubility	Yes	No
Water	**	
Organicsolvents		**

Other data / comments	Non-volatile fluid, non-flammable
-----------------------	-----------------------------------

These data are typical for the product and not a specification

## TOXICOLOGICAL INFORMATION / HEALTH EFFECTS

Inhalation	None
Skin contact	None
Eye contact	Red eye
Ingestion	Stomach pains
Specific effects	None

## ECOLOGICAL INFORMATION

Biodegradability	Yes, contains readily biodegradable ingredients
Ecotoxicity	Non-toxic
Bioaccumulation	Not likely

## DISPOSAL CONSIDERATION

In accordance with local regulations

## TRANSPORT INFORMATION / ROAD AND RAIL ONLY

Transport type	UN No	Class	Division
ADR/RID (Road/Rail)		9	

**Additional information** Will cause slippery spill

## REGULATORY INFORMATION / EEC CLASSIFICATION

Warningphrase	Caution	Symbol
R-phrase	Can cause irritation to eye	R36
S-phrase	Keep in a cool place Avoid contact with eyes In case of contact with eyes, rinse with water	S3 S25

**Product contains** Biodegradable surfactants  
**Additional information** No

## OTHER INFORMATION

**General info** Personnel using this product must be trained and advised on the best, safest and most effective means of application.



**GREENCOAT CC**  
7 Vuyisile Mini Street, Bethal, 2310  
**Customer Service Department** [admin@greencoat.co.za](mailto:admin@greencoat.co.za)  
**Facsimile** 017 647 6011