

## SAFETY DATA SHEET

## Lusso Shampoo - Carbon Collective

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

SECTION 1: Identification of	of the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Lusso Shampoo - Carbon Collective
1.2. Relevant identified use	s of the substance or mixture and uses advised against
Identified uses	Auto shampoo.
Uses advised against	This product is not recommended for any other purpose than stated above.
1.3. Details of the supplier of	of the safety data sheet
Supplier	Carbon Collective LTD Unit 9C Manor Business Park Woodford Halse Northamptonshire NN11 3UB 07888634038 sales@carboncollective.com
1.4. Emergency telephone	number
Emergency telephone	As Above - Opening Hours 9 am - 5 pm (Monday - Friday)
SECTION 2: Hazards identi	ification
2.1. Classification of the sul	bstance or mixture
Classification (SI 2019 No.	
Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412
2.2. Label elements Hazard pictograms	
Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.

Precautionary statements	<ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	Ammonium C12-14 (even numbered) alkyl sulphates, Alkylamidopropylbetain, Amines, C12- 14-alkyldimethyl, N-oxides
Detergent labelling	≥ 30% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes
Supplementary precautionary statements	P310 Immediately call a POISON CENTER/ doctor. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

5-10%
5-10%
5-10%
5-10%
5-10%
1-5%

SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** 

Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.	
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.	
Skin contact	Rinse with water.	
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.	
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.	
4.2. Most important symptoms	and effects, both acute and delayed	
General information	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.	
Ingestion	May cause irritation.	
Skin contact	Redness. Irritating to skin.	
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.	
4.3. Indication of any immedia	te medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising from the substance or mixture		
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.	
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.	
5.3. Advice for firefighters		

Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.
SECTION 6: Accidental release measures	

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Neutralise with acid. Caution. May generate heat. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store away from incompatible materials (see Section 10). Store away from the following materials: Acids. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.
Storage class	Acid-reactive storage.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
SECTION 8: Exposure contro	Is/Personal protection
8.1. Control parameters	
	Ammonium C12-14 (even numbered) alkyl sulphates (CAS: 32612-48-9)
DNEL	Workers - Dermal; Long term systemic effects: 4060 mg/kg Workers - Inhalation; Long term systemic effects: 285 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 2440 mg/kg Consumer - Inhalation; Long term systemic effects: 85 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 24 mg/m <sup>3</sup>
PNEC	Fresh water; 0.1016 mg/l marine water; 0.01016 mg/l Intermittent release; 0.036 mg/l STP; 1084 mg/l Sediment (Freshwater); 3.58 mg/kg Sediment (Marinewater); 0.358 mg/kg Soil; 0.654 mg/kg
8.2. Exposure controls	
Protective equipment	
Appropriate engineering controls	Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment that provides appropriate eye and face protection should be worn. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges suitable for intended use should be used. Full face mask respirators with replaceable filter cartridges suitable for intended use should be used. Half mask and quarter mask respirators with replaceable filter cartridges suitable for intended use should be used.
Environmental exposure controls	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

### **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Colour	Silver.
Odour	Characteristic. Perfume.
Odour threshold	Not determined.
рН	pH (concentrated solution): ~8
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not determined.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.

Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	~ 1
Bulk density	Not determined.
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not determined.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not determined.
Comments	Information given is applicable to the product as supplied.
9.2. Other information	
Other information	No relevant information available.
Refractive index	Not determined.
Particle size	Not determined.
Molecular weight	Not determined.
Volatility	Not determined.
Saturation concentration	Not determined.
Critical temperature	Not determined.
Volatile organic compound	Not determined.
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	See the other subsections of this section for further details.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	No potentially hazardous reactions known.
10.4. Conditions to avoid	
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
10.5. Incompatible materials	
Materials to avoid	Acid anhydrides. Acids. Phenols, cresols.
10.6. Hazardous decompositio	on products

Hazardous decomposition<br/>productsDoes not decompose when used and stored as recommended. Thermal decomposition or<br/>combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity - oral		
Summary	Based on available data the classification criteria are not met.	
Acute toxicity - dermal Summary	Based on available data the classification criteria are not met.	
-	based on available data the classification ontena are not met.	
Acute toxicity - inhalation Summary	Based on available data the classification criteria are not met.	
Skin corrosion/irritation		
Summary	Causes skin irritation.	
Extreme pH	Moderate pH ( > 2 and < 11.5).	
Serious eye damage/irritation		
Summary	Causes serious eye damage.	
Respiratory sensitisation		
Summary	Based on available data the classification criteria are not met.	
Skin sensitisation	Deceder sucilable data the classification oritagic are not used	
Summary	Based on available data the classification criteria are not met.	
Germ cell mutagenicity Summary	Based on available data the classification criteria are not met.	
Carcinogenicity		
Summary	Based on available data the classification criteria are not met.	
IARC carcinogenicity	None of the ingredients are listed or exempt.	
Reproductive toxicity		
Summary	Based on available data the classification criteria are not met.	
Specific target organ toxicity -	single exposure	
Summary	Based on available data the classification criteria are not met.	
Specific target organ toxicity -		
Summary	Based on available data the classification criteria are not met.	
Aspiration hazard Summary	Based on available data the classification criteria are not met.	
Gummary	based on available data the classification ontena are not met.	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.	
Ingestion	May cause irritation.	
Skin contact	Redness. Irritating to skin.	
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.	

Acute and chronic health hazards	Product has a defatting effect on skin.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target organs	No specific target organs known.
Medical symptoms	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
Medical considerations	Skin disorders and allergies.

### Toxicological information on ingredients.

### Ammonium C12-14 (even numbered) alkyl sulphates

Acute toxicity - oral		
Summary	NOAEL >225 mg/kg, Oral, Rat	
Acute toxicity oral (LD₅₀ mg/kg)	4,100.0	
Species	Rat	
ATE oral (mg/kg)	4,100.0	
Acute toxicity - dermal		
Acute toxicity dermal (LD₅ mg/kg)	2,000.0	
Species	Rat	
Acute toxicity - inhalation		
Summary	No data available.	
Skin corrosion/irritation		
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/irritati	on	
Serious eye damage/irritation	Causes serious eye damage.	
Respiratory sensitisation		
Summary	No data available.	
Skin sensitisation		
Summary	No data available.	
Germ cell mutagenicity		
Summary	No data available.	
Carcinogenicity		
Summary	No data available.	
Reproductive toxicity		
Summary	No data available.	
Specific target organ toxicity - single exposure		
Summary	No data available.	

Specific target organ toxicity - repeated exposure		
Summary No data available.		
Aspiration hazard		
Summary No data available.		
SECTION 12: Ecological information		
Ecotoxicity Harmful to aquatic life with long lasting effects.		
I2.1. Toxicity		
Acute aquatic toxicity Summary Based on available data the classification criteria are not met.		
Chronic aquatic toxicity		
Summary Harmful to aquatic life with long lasting effects.		
Ecological information on ingredients.		
Ammonium C12-14 (even numbered) alkyl sulphates		
Acute aquatic toxicity		
Acute toxicity - fish LC₅₀, 96 hours: 7.1 mg/l, Brachydanio rerio (Zebra Fish)		
Acute toxicity - aquatic EC₅₀, 48 hours: 7.2 mg/l, Daphnia magna invertebrates		
Acute toxicity - aquatic EC₅₀, 72 hours: 27.7 mg/l, Algae plants		
Acute toxicity - EC <sub>0</sub> , : >10-100 mg/l, Activated sludge microorganisms		
Chronic aquatic toxicity		
Chronic toxicity - fish early NOEC, 28 hours: 0.1 mg/l, Oncorhynchus mykiss (Rainbow trout) life stage		
<b>Chronic toxicity - aquatic</b> NOEC, 21 days: 0.27 mg/kg, Daphnia magna invertebrates		
2.2. Persistence and degradability		
Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).		
Ecological information on ingredients.		
Ammonium C12-14 (even numbered) alkyl sulphates		
Persistence andThe product is readily biodegradable.degradability		
12.3. Bioaccumulative potential		
paccumulative potential No data available on bioaccumulation.		
Partition coefficient Not determined.		
Ecological information on ingredients.		
Ammonium C12-14 (even numbered) alkyl sulphates		

	Bioaccumulative p	otential	No data available on bioaccumulation.
12.4. Mobilit	ty in soil		
Mobility		The produ	uct is water-soluble and may spread in water systems. The product is non-volatile.
Ecological in	nformation on ingred	dients.	
			Ammonium C12-14 (even numbered) alkyl sulphates
	Mobility		The product contains substances which are water-soluble and may spread in water systems.
12.5. Result	s of PBT and vPvB	assessme	ent
Results of P assessment		This prod	uct does not contain any substances classified as PBT or vPvB.
Ecological in	nformation on ingred	dients.	
			Ammonium C12-14 (even numbered) alkyl sulphates
	Results of PBT an assessment	d vPvB	This substance is not classified as PBT or vPvB according to current UK criteria.
12.6. Other	adverse effects		
Other adver	se effects	None kno	wn.
Ecological in	nformation on ingred	dients.	
			Ammonium C12-14 (even numbered) alkyl sulphates
	Other adverse effe	ects	None known.
<b>SECTION 1</b>	3: Disposal conside	rations	
13.1. Waste	treatment methods	<u>i</u>	
General info		The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.	
Disposal me		Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.	
SECTION 14: Transport information			
General		-	uct is not covered by international regulations on the transport of dangerous goods TA, ADR/RID).
14.1. UN nu	mber		
Not applicat	ole.		

14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture			
National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].		
Guidance	EH40/2005 Workplace exposure limits. Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131.		

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

### EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

### SECTION 16: Other information

Abbreviations and acronyms	ADR: European Agreement concerning the International Carriage of Dangerous Goods by
used in the safety data sheet	Road.
	ADN: European Agreement concerning the International Carriage of Dangerous Goods by
	Inland Waterways.
	RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
	IATA: International Air Transport Association.
	ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
	IMDG: International Maritime Dangerous Goods.
	CAS: Chemical Abstracts Service.
	ATE: Acute Toxicity Estimate.
	LC50: Lethal Concentration to 50 % of a test population.
	LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
	EC₅₀: 50% of maximal Effective Concentration.
	PBT: Persistent, Bioaccumulative and Toxic substance.
	vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations and acronyms	Eye Dam. = Serious eye damage Skin Irrit. = Skin irritation Aquatic Chronic = Hazardous to the aquatic environment (chronic)
General information	PLEASE NOTE: The risk phrases itemised below are those relating to concentrated forms of the raw materials used in this product and are not necessarily applicable to the finished item. Please see Section 2 for the current classification of this product.
Classification procedures according to SI 2019 No. 720	Eye Dam. 1 - H318: Skin Irrit. 2 - H315: : Calculation method. Aquatic Chronic 3 - H412: : Calculation method.
Training advice	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
Revision date	09/11/2022
Revision	3
Supersedes date	19/03/2020
Hazard statements in full	H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made 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.