Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier.

Product identifier. 104405 UK

Product name. EncapBrite II

Pure substance/mixture. No Information

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

Recommended Use. Professional Carpet Cleaning

Uses advised against. Professional Use Only

1.3 Details of the supplier of the safety data sheet.

Supplier.

Legend Brands Europe
22 Plover Close Interchange Park
Newport Pagnell MK16 9PS, UK
+44 (0) 1908 611211

Legend Brands, Inc.
15180 Josh Wilson Rd.
Burlington, WA 98233
800-932-3030

1.4 Emergency telephone number. INFOTRAC 1-800-535-5053 (North America)
+1-352-323-3500 (International)

Europe	112
Bulgaria	+359 2 9154 409
Cyprus	+357 22405609
Croatia	+385 1 234 8342
Czech Republic	+420 267 225 243
Estonia	112
Greece	+30 210 64 79 407
Hungary	+36 80 20 11 99
Latvia	+371 67032028
Lithuania	+3705 212 6094
Malta	112
Poland	Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54 +48 22 619 08 97
Romania	+40 21 207 11 06
Slovenia	+386 1 478 6051
Slovakia	+421 2 54 77 4 166

2. Hazards Identification

2.1 Classification of the substance or mixture. (Regulation (EC) No 1272/2008)

Hazardous to the aquatic environment, Chronic, category 3
Eye Irritation, category 2A

2.2 Label elements.

Signal Word
Warning

Hazardous components which must be listed on the label
No Named Chemicals exist in this product

Possible Hazards
< 1% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P264	Wash face, hands and any exposed skin thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

EMERGENCY OVERVIEW: No Information

3. Composition/Information on Ingredients

3.1 Substances.

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures.

CAS-No.	EC No.	REACH Reg No.	Wt. %	Chemical Name	Classification (1272/2008/EC)
7722-84-1	231-765-0	No Information	2.5-10	Hydrogen peroxide	Ox. Sol. 1 (H271) Acute Tox. 4 Oral (H302) Skin Corr. 1 (H314) Acute Tox. 1 Inhalation (H330) STOT SE 3 RTI (H335)
25498-49-1	247-045-4	No Information	2.5-10	Tripropylene glycol monomethyl ether	Aquatic Chronic 2 (H411)
29911-28-2	249-951-5	No Information	2.5-10	Dipropylene Glycol Butyl Ether	Eye Irrit. 2A (H319)

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First-aid Measures

4.1 Description of first-aid measures.

General advice.
Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.
Move to fresh air.

Skin contact.
Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

Ingestion.
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

4.2 Most important symptoms and effects, both acute and delayed.

Symptoms
See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed.

Notes to physician

Treat symptomatically.

5. Fire-fighting Measures

5.1 Extinguishing media.

Suitable extinguishing media.

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

No Information

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

5.2 Special hazards arising from the substance or mixture.

No information available.

5.3 Advice for firefighters.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Use personal protection recommended in Section 8.

6.2 Environmental precautions.

Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up.

Methods for Containment.

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Methods for cleaning up.

Use personal protective equipment as required.

6.4 Reference to other sections

See section 8 for more information.

7. Handling and Storage

7.1 Precautions for safe handling.

Advice on safe handling.

Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures.

See section 7 for more information.

7.2 Conditions for safe storage, including any incompatibilities.

Storage Conditions.

Keep containers tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

Specific use(s)

No Information

Exposure scenario

No Information Available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limit Values

Chemical Name	Bulgaria	Croatia	Cyprus	Czech Republic	Estonia	European Union
Hydrogen peroxide 7722-84-1	TWA: 1.5 mg/m3	STEL: 2 ppm STEL: 2.8 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3			STEL: 2 ppm STEL: 3 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3	
Chemical Name	**Greece**	**Hungary**	**Latvia**	**Lithuania**	**Malta**	**Ukraine**
Hydrogen peroxide 7722-84-1	STEL: 3 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3			TWA: 1 ppm TWA: 1.4 mg/m3		
Chemical Name	**Poland**	**Romania**	**Russia**	**Slovenia**	**Turkey**	
Hydrogen peroxide 7722-84-1	STEL: 0.8 mg/m3 TWA: 0.4 mg/m3					

TWA: Time weighted average
STEL: Short term exposure limit

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Level (PNEC)

No Information Available

8.2. Exposure controls.

Engineering Measures.

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.

Eye/Face Protection.

Safety glasses with side-shields.

Hand Protection.

Wear suitable protective clothing.

Skin and body protection.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures.

See section 7 for more information.

Environmental Exposure Controls.

No Information

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	Clear liquid
Colour	light yellow
Odour	Low
Odour Threshold	No Information
pH	5.5
Melting point / freezing point (°C)	No Information
Flash Point, (°C)	No Information
Boiling point/range (°C)	83 - 118
Evaporation rate	No Information

Combustibility	Does not Support Combustion
Upper/lower flammability or explosive limits	No Information
Vapour Pressure	No Information
Vapour density	No Information
Specific Gravity (g/cm3)	1.020
Solubility in / Miscibility with Water	No Information
Partition Coefficient: n-octanol/water	No Information
Auto-Ignition Temperature (°C)	No Information
Decomposition temperature (°C)	No Information
Viscosity	No Information
Oxidising properties	Not Applicable

9.2 Other information.

Volatile Organic Compounds (VOC) content	Negligible

(See section 16 for abbreviation legend)

10. Stability and Reactivity

10.1 Reactivity.
Stable under normal conditions.

10.2 Chemical stability.
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions.
None known based on information supplied.

10.4 Conditions to Avoid.
None known.

10.5 Incompatible Materials.
None known based on information supplied.

10.6 Hazardous Decomposition Products.
None known.

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Product Information

LD50 Oral	LD50 Dermal	LC50 Inhalation
N.I.	76,702.00	N.I.

The following values are calculated based on chapter 3.1 Of the GHS document

ATEmix (oral)	58,216.7 mg/kg
ATEmix (dermal)	76,702.0 mg/kg
ATEmix (inhalation - vapor)	76.70 mg/l

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
7722-84-1	Hydrogen peroxide	1518 mg/kg Rat	9200 mg/kg Rabbit	2 mg/L Rat

N.I. = No Information

12. Ecological Information

12.1 Toxicity

<1% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity Effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Hydrogen peroxide 7722-84-1	-	LC50 96 h Pimephales promelas 16.4 mg/L, LC50 96 h Lepomis macrochirus 18 - 56 mg/L, LC50 96 h Oncorhynchus mykiss 10.0 - 32.0 mg/L	EC50 48 h Daphnia magna 18 - 32 mg/L
Tripropylene glycol monomethyl ether 25498-49-1	-	LC50 96 h Pimephales promelas 11619 mg/L	EC50 48 h Daphnia magna >10 mg/L
Dipropylene Glycol Butyl Ether 29911-28-2	-	LC50 96 h Poecilia reticulata 841 mg/L	-
Isopropyl alcohol 67-63-0	EC50 96 h Desmodesmus subspicatus >1000 mg/L, EC50 72 h Desmodesmus subspicatus >1000 mg/L	LC50 96 h Pimephales promelas 9640 mg/L, LC50 96 h Pimephales promelas 11130 mg/L, LC50 96 h Lepomis macrochirus >1400000 µg/L	EC50 48 h Daphnia magna 13299 mg/L
Sodium Bisulfate 7681-38-1	-	-	EC50 48 h Daphnia magna 190 mg/L
Ammonium hydroxide 1336-21-6	-	LC50 96 h Pimephales promelas 8.2 mg/L	EC50 48 h water flea 0.66 mg/L, EC50 48 h Daphnia pulex 0.66 mg/L
Sodium sulphate 7757-82-6	-	LC50 96 h Pimephales promelas 13500 - 14500 mg/L, LC50 96 h Pimephales promelas >6800 mg/L, LC50 96 h Lepomis macrochirus 3040 - 4380 mg/L, LC50 96 h Lepomis macrochirus 13500 mg/L	EC50 48 h Daphnia magna 2564 mg/L

12.2. Persistence and degradability.

No data are available on the product itself

12.3. Bioaccumulative potential.

Discharge into the environment must be avoided.

12.4 Mobility in soil.

Mobility in soil.

No information available

Mobility

No information available

12.5 Results of PBT and vPvB assessment.

No data are available on the product itself

12.6 Other adverse effects.

No information available

13. Disposal Considerations

13.1 Waste treatment methods.

Waste from residues /unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

No Information

Other information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

14. Transport Information

ADR

14.1 UN number: No Information

14.2 Proper shipping name: Not regulated

14.3 Hazard class(es): No Information

14.4 Packing group: No Information

14.5 Environmental hazards: No Information

14.6 Special provisions: No Information

IMDG

14.1 UN number: No Information

14.2 Proper shipping name: Not regulated

14.3 Hazard class(es): No Information

14.4 Packing group: No Information

14.5 Marine pollutant: No Information

Environmental hazards: No Information

14.6 Special provisions: No Information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: No Information

IATA

14.1 UN number: No Information

14.2 Proper shipping name: Not regulated

14.3 Hazard class(es): No Information

14.4 Packing group: No Information

14.5 Environmental hazards: No Information

14.6 Special provisions: No Information

15. Regulatory Information

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

National regulatory information

German WGK classification: 3

Remarks: WGK 0 = in general not a water pollutant
WGK 1 = weak water pollutant
WGK 2 = water pollutant
WGK 3 = severe water pollutant

CAS/Chemical Name		French RG number	Title
25498-49-1	Tripropylene glycol monomethyl ether	RG 84	Diseases caused by liquid organic solvents for professional use. Health effects caused by professional use of liquid organic solvents (indicated in the table). Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them

67-63-0	Isopropyl alcohol	RG 84	Diseases caused by liquid organic solvents for professional use. Health effects caused by professional use of liquid organic solvents (indicated in the table). Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Persistent Organic Pollutants

Not applicable

Authorizations (Annex XIV) and/or restrictions on use (Annex XVII), Regulation (CE) 1907/2006

CAS-No.	Chemical Name	Annex XIV Authorisation List	Annex XVII Restricted list
	Not applicable		

EU Substances of Very High Concern

CAS-No.	Chemical Name
	No items on this list exist.

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	-
PICCS	-
AICS	Complies
NZIoC	Complies

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AICS	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

16. Other Information

Revision Date	3/18/2021	**Supersedes Date**	New MSDS
Reason for revision	No Information		

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H271	May cause fire or explosion; strong oxidiser.

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006