Safety Data Sheet

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

1.1. Product identifier

Product identifier.	104405 UK
Product name.	EncapBrite II
UFI	ESRF-U0TQ-J003-VH5U

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 15180 Josh Wilson Road Burlington, WA 98233 E-Mail: sds@legendbrands.com 800-932-3030 Legend Brands Europe 22 Plover Close Interchange Park Newport Pagnell MK069PS UK +44 (0) 1908 611211 Rust-Oleum Europe Kolenbergstraat 23 3545 Halen, Belgium
1.4. Emergency telephone number	INFOTRAC 1-800-535-5053 (North America) +1-352-323-3500 (International)

Europe	112
Austria	+43 1 406 43 43
Belgium	Poison center (BE): +32 70 245 245
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
Finland	Poison Information Centre (FI):+358 9 471 977
France	ORFILA (FR): + 01 45 42 59 59
Germany	Poison Center Berlin (DE): +49 030 30686 790 |par Poison Center Nord: +49 551 19240 (24h available English / German)
Ireland	National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland	+354 543 2222
Italy	Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg	112
Netherlands	National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)
Norway	Poisons Information (NO):+ 47 22 591300
Portugal	Poison Information Center (PT): +351 800 250 250
Spain	Poison Information Service (ES): +34 91 562 04 20
Sweden	Poisons Information Center (SV):+46 8 33 12 31
Switzerland	Poison Center: Tel 145; +41 44 251 51 51
United Kingdom	111 / 0300 020 0155

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Irritation, category 2

2.2. Label elements

Signal Word
Warning

Hazardous ingredients which must be listed on the label
Contains
Not Applicable

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

GHS HAZARD STATEMENTS

H319	Causes serious eye irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

P264	Wash face, hands and any exposed skin thoroughly after handling.
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.

2.3. Other hazards

EMERGENCY OVERVIEW: No Information

SECTION 3: Composition/information on ingredients

3.1. Substances

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

3.2. Mixtures

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
Hydrogen peroxide	7722-84-1	231-765-0	No Information	>=1 - <3
Dipropylene Glycol Butyl Ether	29911-28-2	249-951-5	No Information	>=1 - <3
Tripropylene glycol monomethyl ether	25498-49-1	247-045-4	No Information	>=1 - <3
Isopropyl alcohol	67-63-0	200-661-7	01-2119457558-25-xxxx	<1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs
Hydrogen peroxide	Ox. Liq. 1 (H271) Acute Tox. 4 Oral (H302) Skin Corr. 1A (H314) Acute Tox. 2 Inhalation (H330) STOT SE 3 RTI (H335)	Eye Dam. 1; H318: 8%<=C<50% Eye Irrit. 2; H319: 5%<=C<8% Ox. Liq. 1; H271: C>=70% Ox. Liq. 2; H272: 50%<=C<70% Skin Corr. 1A; H314: C>=70% Skin Corr. 1B; H314: 50%<=C<70% Skin Irrit. 2; H315: 35%<=C<50% STOT SE 3; H335: C>=35% ATE oral (mg/kg): 1518 mg/kg Rat ATE dermal (mg/kg): 9200 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): 2 mg/L Rat
Dipropylene Glycol Butyl Ether	Eye Irrit. 2A (H319)	ATE oral (mg/kg): N.R. ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Tripropylene glycol monomethyl ether	Aquatic Chronic 2 (H411)	ATE oral (mg/kg): N.R. ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.

Isopropyl alcohol	Flam. Liq. 2 (H225) Eye Irrit. 2A (H319) STOT SE 3 NE (H336)	ATE oral (mg/kg): 5840 mg/kg (Rat) ATE dermal (mg/kg): 13,900 mg/kg (Rabbit) ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.

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

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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media.

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

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.
As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 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 material 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.

Other information.

No Information

6.4. Reference to other sections

No Information

SECTION 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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limit Values

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
Hydrogen peroxide 7722-84-1	STEL: 2 ppm STEL: 2.8 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3	TWA: 1 ppm TWA: 1.4 mg/m3	TWA: 1 ppm TWA: 1.4 mg/m3	N.D.	STEL: 3 ppm STEL: 4.2 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3	TWA: 1 ppm TWA: 1.5 mg/m3
Dipropylene Glycol Butyl Ether 29911-28-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tripropylene glycol monomethyl ether 25498-49-1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropyl alcohol 67-63-0	STEL: 800 ppm STEL: 800 ppm STEL: 2000 mg/m3 STEL: 2000 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 400 ppm STEL: 1000 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	TWA: 200 ppm TWA: 490 mg/m3	N.D.	STEL: 250 ppm STEL: 620 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 400 ppm STEL: 980 mg/m3
Chemical Name	**Germany**	**Iceland**	**Ireland**	**Italy**	**Luxembourg**	**Netherlands**
Hydrogen peroxide 7722-84-1	STEL: 0.5 ppm STEL: 0.71 mg/m3 TWA: 0.5 ppm TWA: 0.71 mg/m3	TWA: 1 ppm TWA: 1.4 mg/m3	STEL: 3 mg/m3 STEL: 2 ppm TWA: 1 ppm TWA: 1.5 mg/m3	N.D.	N.D.	N.D.

Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
Dipropylene Glycol Butyl Ether 29911-28-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tripropylene glycol monomethyl ether 25498-49-1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropyl alcohol 67-63-0	STEL: 400 ppm STEL: 1000 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	TWA: 200 ppm TWA: 490 mg/m3	STEL: 400 ppm TWA: 200 ppm	N.D.	N.D.	N.D.

Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
Hydrogen peroxide 7722-84-1	STEL: 3 ppm STEL: 2.8 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m3	STEL: 2 ppm STEL: 3 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3	STEL: 2 ppm STEL: 2.8 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3	STEL: 2 ppm STEL: 2.8 mg/m3 TWA: 1 ppm TWA: 1.4 mg/m3
Dipropylene Glycol Butyl Ether 29911-28-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tripropylene glycol monomethyl ether 25498-49-1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropyl alcohol 67-63-0	STEL: 150 ppm STEL: 306.25 mg/m3 TWA: 100 ppm TWA: 245 mg/m3	STEL: 400 ppm TWA: 200 ppm	STEL: 400 ppm STEL: 1000 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 250 ppm STEL: 600 mg/m3 TWA: 150 ppm TWA: 350 mg/m3	STEL: 400 ppm STEL: 1000 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 500 ppm STEL: 1250 mg/m3 TWA: 400 ppm TWA: 999 mg/m3

TWA: Time weighted average
STEL: Short term exposure limit.

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Concentration (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.

Skin and body protection.

Wear suitable protective clothing.
No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Environmental Exposure Controls.

No Information

SECTION 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, °C	No Information
Flash Point, °C	Not Applicable
Boiling Range, °C	82 - 243
Combustibility	Does not Support Combustion
Vapor Pressure, mmHg	No Information
Vapor density	No Information
Specific Gravity (g/cm3)	1.020
Solubility in water	No Information
Partition Coefficient, n-octanol/water	No Information
Auto-Ignition Temperature, °C	No Information
Decomposition temperature, °C	No Information
Viscosity	No Information

9.2. Other information

Volatile organic compounds (VOC) content. Negligible

9.2.1. Information with regard to physical hazard classes

No Information

9.2.2. Other safety characteristics

No Information

SECTION 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.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity.

Based on available data, the classification criteria are not met.

Product Information

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

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

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-vapor)	79.48 mg/l

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
7722-84-1	Hydrogen peroxide	1518 mg/kg Rat	9200 mg/kg Rabbit	2 mg/L Rat
29911-28-2	Dipropylene Glycol Butyl Ether	N.R.	N.R.	N.R.

25498-49-1	Tripropylene glycol monomethyl ether	N.R.	N.R.	N.R.
67-63-0	Isopropyl alcohol	5840 mg/kg (Rat)	13,900 mg/kg (Rabbit)	N.R.

11.2. Information on other hazards

Endocrine disrupting properties

N.A.

Other information.

N.A.

SECTION 12: Ecological information

12.1. Toxicity

<1% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
Hydrogen peroxide 7722-84-1	N.D.	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
Dipropylene Glycol Butyl Ether 29911-28-2	N.D.	LC50 96 h Poecilia reticulata 841 mg/L	N.D.
Tripropylene glycol monomethyl ether 25498-49-1	N.D.	LC50 96 h Pimephales promelas 11619 mg/L	EC50 48 h Daphnia magna >10 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

12.2. Persistence and degradability

No data are available on the product itself

12.3. Bioaccumulative potential

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
7722-84-1	Hydrogen peroxide	N.I.	N.I.
29911-28-2	Dipropylene Glycol Butyl Ether	N.I.	N.I.
25498-49-1	Tripropylene glycol monomethyl ether	N.I.	N.I.
67-63-0	Isopropyl alcohol	N.I.	0.05

12.4. Mobility in soil

Mobility in soil.

No information available

12.5. Results of PBT and vPvB assessment

No data are available on the product itself

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 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.

SECTION 14: Transport information

ADR

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

IMDG

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5 Marine Pollutant	No.
Environmental hazards	No.
14.6. Special precautions for user	No Information
14.7. Maritime transport in bulk according to IMO instruments	No Information

IATA

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

SECTION 15: Regulatory information

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

National regulatory information.

Germany WGK Classification 3

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
25498-49-1	Tripropylene glycol monomethyl ether	RG 84
67-63-0	Isopropyl alcohol	RG 84

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 and/or restrictions on use:

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
7722-84-1	Hydrogen peroxide	No.	Yes.
67-63-0	Isopropyl alcohol	No.	Yes.

EU Substances of Very High Concern

None

International Inventories.

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	-
PICCS	-
AIIC	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.
AIIC	Australian Inventory of Industrial Chemicals.
NZIoC	New Zealand Inventory of Chemicals.

15.2. Chemical safety assessment

No.

SECTION 16: Other information

Revision Date	1/3/2023
Indication of changes:	Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

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

H225	Highly flammable liquid and vapour.
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.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Legend.

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.