



# Safety Data Sheet

Version: 1  
Revision Date: 7/14/2023

## 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  
+32 (0)13 460 200

**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**

Not Applicable

**Possible Hazards**

&lt; 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 or 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 ATE inhalation - dust/mist (mg/l/4h): N.R.
Dipropylene Glycol Butyl Ether	Eye Irrit. 2 (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. 2 (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.
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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/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	N.D.	STEL: 3 ppm STEL: 4.2 mg/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 1.5 mg/m <sup>3</sup>
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/m <sup>3</sup> STEL: 2000 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>	N.D.	STEL: 250 ppm STEL: 620 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 980 mg/m <sup>3</sup>
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
Hydrogen peroxide 7722-84-1	STEL: 0.5 ppm STEL: 0.71 mg/m <sup>3</sup> TWA: 0.5 ppm TWA: 0.71 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	STEL: 3 mg/m <sup>3</sup> STEL: 2 ppm TWA: 1 ppm TWA: 1.5 mg/m <sup>3</sup>	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/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>	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/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	STEL: 2 ppm STEL: 3 mg/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	STEL: 2 ppm STEL: 2.8 mg/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	STEL: 2 ppm STEL: 2.8 mg/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
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/m <sup>3</sup> TWA: 100 ppm TWA: 245 mg/m <sup>3</sup>	STEL: 400 ppm TWA: 200 ppm	STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	STEL: 250 ppm STEL: 600 mg/m <sup>3</sup> TWA: 150 ppm TWA: 350 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup> TWA: 400 ppm TWA: 999 mg/m <sup>3</sup>

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

<b>Colour</b>	light yellow
<b>Odour</b>	Low
<b>Odour Threshold</b>	No Information
<b>pH</b>	5.5
<b>Melting Point, °C</b>	No Information
<b>Flash Point, °C</b>	Not Applicable
<b>Boiling Range, °C</b>	82 - 243
<b>Combustibility</b>	Does not Support Combustion
<b>Vapor Pressure, mmHg</b>	No Information
<b>Vapor density</b>	No Information
<b>Specific Gravity (g/cm<sup>3</sup>)</b>	1.020
<b>Solubility in water</b>	No Information
<b>Partition Coefficient, n-octanol/water</b>	No Information
<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Decomposition temperature, °C</b>	No Information
<b>Viscosity</b>	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**

<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
N.I.	76,702.00	N.I.

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

<b>ATEmix (oral)</b>	>5000 mg/kg
<b>ATEmix (dermal)</b>	>5000 mg/kg
<b>ATEmix (inhalation-vapor)</b>	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 component(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 Desmodemus subspicatus >1000 mg/L, EC50 72 h Desmodemus 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 recommended for air transport
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.**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	Complies
<b>KECI</b>	-
<b>PICCS</b>	-
<b>AIIC</b>	Complies
<b>NZIoC</b>	Complies

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

**15.2. Chemical safety assessment**

No.

**SECTION 16: Other information****Revision Date**

7/14/2023

**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.

**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.