



# MATERIAL SAFETY DATA SHEET — 16 Sections

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## SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. PRODUCT IDENTIFIER

Product Form: Mixture  
Product Name: BHC - Hand Sanitiser Rub  
Product Codes: 0475  
Type of Product: Biocide

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

1.2.1. Relevant Identified Uses  
Main Use Category: Consumer Use

1.2.2. Uses Advised Against  
No Additional Information Available

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Name: The British Honey Company PLC  
Address: Unit 32A Wornal Park, Worminghall, Buckinghamshire, HP18 9PH  
Tel: +44(0)1993 880597  
Email: lauren.tripp@britishhoney.com

### 1.4. Emergency Telephone Number

Tel: +44(0)1993 880597  
- Monday to Friday 8:30am to 17:30pm

## SECTION 2 — HAZARDS IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No. 1272/2008 [CLP]  
Flam. Liq. 2 - H225  
Full text of hazard classes and H-statements: see section 16



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## 2.2. LABEL ELEMENTS

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms (CLP) :



GHS08:



GHS02:

Signal Word (CLP):

- Danger

Hazard Statements (CLP):

H225 - Highly flammable liquid and vapour

Precautionary Statements (CLP):

P102 - Keep out of reach of children

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P233 - Keep container tightly closed

P403 + P235 - Store in a well-ventilated place. Keep cool

## 2.3. OTHER HAZARDS

No additional information available

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. SUBSTANCE

Not Applicable



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### 3.2. MIXTURE

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No: 64-17-5 EC-No: 200-578-6 EC Index No: 603-002-00-5	70	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Hydrogen Peroxide	CAS-No: 7722-84-1 EC-No: 231-765-0 EC Index No: 008-003-00-9	0.125	Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314 STOT SE 3 - H335
Glycerol	CAS-No: 56-81-5 EC-No: 200-289-5 EC Index No: -	1.45	-

Harmful if swallowed or inhaled. Possible aspiration hazard if swallowed (can enter lungs and cause damage). May be irritating to the skin, eyes and respiratory tract. Over exposure may cause CNS depression. Possible reproductive hazard. Flash Point 17.5°C. Extremely flammable liquid (R11).

### SECTION 4 — FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

First-aid measures - General: Seek medical advice/attention if you feel unwell

First-aid measures - After Inhalation: Remove person to fresh air and keep comfortable for breathing

First-aid measures - After Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

First-aid measures - After Ingestion: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.

#### 4.2. Most Important Symptoms and Effects - Both Acute and Delayed

Symptoms/injuries after eye contact : Causes eye irritation.



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Symptoms/injuries after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract

#### 4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically

### SECTION 5 — FIRE FIGHTING MEASURES

#### 5.1. Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide. Dry powder. Foam

#### 5.2. Special Hazards Arising from the Substance or Mixture

Fire hazard: Flammable liquid and vapour.

#### 5.3. Advice for Firefighters

No additional information available

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General measures : Remove ignition sources

##### 6.1.1. For Non-Emergency Personnel

No additional information available

##### 6.1.2. For Emergency Responders

No additional information available

#### 6.2. Environmental Precautions

No additional information available

#### 6.3. Methods and Materials for Containment and Cleaning up

For Containment : Collect spillage.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

#### 6.4. Reference to Other Sections



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For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13

## SECTION 7 — HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

Additional Hazards when Processed: Handle empty containers with care because residual vapours are flammable.

Precautions for Safe Handling: Keep away from sources of ignition - No smoking

### 7.2. Conditions for Safe Storage, Including any Incompatibilities

Technical Measures: Does not require any specific or particular technical measures.

Storage Conditions: Store in a well-ventilated place. Keep the container tightly closed.

Incompatible Products: Oxidizing agent. Strong acids. Strong bases.

Incompatible Materials: Direct sunlight. Heat sources. Sources of ignition

### 7.3. Specific End use(s)

No additional information available

## SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control Parameters

Ethanol:

OES: 1000ppm, 1920mg/M<sup>3</sup>, 8hrs TWA

Hydrogen Peroxide:

1.4mg/M<sup>3</sup> 8hrs TWA: 1ppm, 2.8mg/M<sup>3</sup> 15min STEL.

Glycerol:

10mg/M<sup>3</sup> 8hrs TWA - Mist Only

### 8.2. Exposure Controls

Materials for Protective Clothing: Not required for normal conditions of use



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Eye Protection: Not required for normal conditions of use

Skin and Body Protection: Not required for normal conditions of use

Respiratory Protection: Not required for normal conditions of use

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical state: Liquid  
Appearance: Liquid  
Colour: Colourless  
Odour: Characteristic  
Odour threshold: No data available  
pH: 7  
Relative evaporation rate (butyl acetate = 1): No data available  
Melting point: No data available  
Freezing point: No data available  
Boiling point:  $\approx 78.3$  °C  
Flash point:  $\approx 17.5$  °C  
Auto-ignition temperature:  $\approx 363$  °C  
Decomposition temperature: No data available  
Flammability (solid, gas): No data available  
Vapour pressure: No data available  
Relative vapour density at 20 °C: No data available  
Relative density: 0.87  
Solubility: No data available  
Log Pow: No data available  
Viscosity, kinematic: No data available  
Viscosity, dynamic: No data available  
Explosive properties: No data available  
Oxidising properties: No data available  
Explosive limits: No data available

### 9.2. Other Information

No additional information available

## SECTION 10 — STABILITY AND REACTIVITY



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## 10.1. Reactivity

Flammable liquid and vapour

## 10.2. Chemical Stability

Stable under normal conditions

## 10.3. Possibility of Hazardous Reactions

No additional information available

## 10.4. conditions to Avoid

No flames, no sparks. Eliminate all sources of ignition.

## 10.5. Incompatible Materials

Metals

## 10.6. Hazardous Decomposition Products

No additional Information available

## SECTION 11 — TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified - pH: 7

Serious eye damage/irritation: Not classified - pH: 7

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

## SECTION 12 — ECOLOGICAL INFORMATION

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and Degradability

No additional information available



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### 12.3. Bioaccumulative Potential

No additional information available

### 12.4. Mobility in Soil

No additional information available

### 12.5. Results of PBT and vPvB Assessment

No additional information available

### 12.6. Other Adverse Effects

No additional information available

## SECTION 13 — DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

No additional information available

## SECTION 14 — TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN Number

UN-No. (ADR) : 1170  
UN-No. (IMDG) : 1170  
UN-No. (IATA) : 1170

### 14.2. UN Proper Shipping Name

Proper Shipping Name (ADR) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
Proper Shipping Name (IMDG) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
Proper Shipping Name (IATA) : ETHANOL SOLUTION  
Transport document description (ADR) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E)  
Transport document description (IMDG) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II

### 14.3. Transport Hazard Class(es)

ADR





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Transport hazard class(es) (ADR) : 3

Danger labels (ADR) : 3



IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3

Hazard labels (IATA) : 3



#### 14.4. Packing Group

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

#### 14.5. Environmental Hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

#### 14.6. Special Precautions for User

##### **Overland transport**

Classification code (ADR) : F1

Special provisions (ADR) : 144, 601



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Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E2  
Packing instructions (ADR) : P001, IBC02, R001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR): T4  
Portable tank and bulk container special provisions (ADR): TP1  
Tank code (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 2  
Special provisions for carriage - Operation (ADR): S2, S20  
Hazard identification number (Kemler No.) : 33



Orange plates :  
Tunnel restriction code (ADR) : D/E  
EAC code : •2YE

### Transport by sea

Special provisions (IMDG) : 144  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D  
Stowage category (IMDG) : A

### Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3, A58, A180  
ERG code (IATA) : 3L

### 14.7. Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

IBC code : Not applicable.



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## SECTION 15 – REGULATORY INFORMATION

### 15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions  
 Contains no substance on the REACH candidate list  
 Contains no REACH Annex XIV substances

#### 15.1.2. National Regulations

No additional information available

### 15.2. Chemical Safety Assessment

No additional information available

### 15.3 Risk Phases

R11 - Highly flammable. Above temperatures of 24°  
 R36 - Irritating to eyes.  
 R22 - Harmful if swallowed.  
 R48 - Danger of serious damage to health by prolonged exposure.  
 R61 - May cause harm to the unborn child.

### 15.4 Safety Phases:

S 2 - Keep out of the reach of children  
 S 15 - Keep away from heat  
 S 16 - Keep away from sources of ignition – No smoking  
 S 47 - Keep at temperature not exceeding 24°C

## SECTION 16 — OTHER INFORMATION

It is the user's responsibility to use the product in the correct way.

Full text of R-, H- and EUH-statements:

Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour

### **Allergen Information:**

Absence of allergens, absence of cross contamination.



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This product is gluten free.