



# ROB HARVEY ENVIRONMENTAL

## SAFETY DATA SHEET

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### Breakout Handwash

Revision 0  
Revision date

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** Breakout Handwash  
**Company** Rob Harvey Environmental  
Kookaburra House  
Gravel Hill Road  
Farnham  
Surrey  
GU10 4LG  
www.robharvey-environmental.co.uk  
admin@robharvey-environmental.co.uk  
**Telephone** 01420 23986  
**Fax** 01420 23078  
**Emergency telephone number** 01420 23986

#### 2 HAZARDS IDENTIFICATION.

**Main hazards** Extremely flammable.

#### 3 . COMPOSITION / INFORMATION ON INGREDIENTS.

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Butane	10 - 20%	106-97-8	203-448-7	F+; R12

#### 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.  
**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.  
**Inhalation** Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.  
**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.  
**General information** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon oxides. Alcohol resistant foam.  
**Fire hazards** Vapour may travel considerable distance to source of ignition and flash back.  
**Protective equipment** Wear suitable respiratory equipment when necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Butane	WEL 8-hr limit ppm: 600 WEL 15 min limit ppm: 750	WEL 8-hr limit mg/m3: 1450 WEL 15 min limit mg/m3: 1810
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<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear suitable respiratory equipment when necessary.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	White.
<b>Odour</b>	Characteristic.
<b>Flash point</b>	-60 propellent°C
<b>Water solubility</b>	miscible in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks and open flames.
<b>Materials to avoid</b>	Oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicological information</b>	Butane n- in low concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea and loss of co-ordination Isobutane in low concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea and loss of co-ordination.
<b>Corrosivity</b>	May cause irritation to skin, eyes and mucous membranes.

## 12. ECOLOGICAL INFORMATION

<b>Degradability</b>	More than 90% biodegradable.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
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## 14. TRANSPORT INFORMATION

### ADR/RID

UN 1950  
Class 2  
Proper Shipping Name AEROSOLS .

Packing group -  
Hazard ID -

### IMDG

UN 1950  
Class 2  
EmS Code F-D S-U

Packing group -  
Marine pollutant .

### IATA

UN 1950  
Class 2

Packing group -  
Subsidiary risk see SP63

## 15. REGULATORY INFORMATION

### Labelling

The product is classified in accordance with 67/548/EEC.

### Symbols

F+ - Extremely flammable



### Risk phrases

R12 - Extremely flammable.

### Safety phrases

S1/2 - Keep locked up and out of the reach of children.  
S13 - Keep away from food, drink and animal feedingstuffs.  
S16 - Keep away from sources of ignition - No smoking.  
S46 - If swallowed, seek medical advice immediately and show this container or label.

## 16. OTHER INFORMATION

### Text of risk phrases in Section 3.

R12 - Extremely flammable.

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.