



# ROB HARVEY ENVIRONMENTAL

## SAFETY DATA SHEET

Page 1 of 4

### Breakout

Revision 0  
Revision date

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

**Product name** Breakout  
**Company** Rob Harvey Environmental  
Kookaburra House, Gravel Hill Road  
Holt Pound  
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** Harmful if swallowed. Irritating to skin. May cause sensitisation by skin contact. Harmful by inhalation and if swallowed. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by inhalation and skin contact.

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

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Glutaral (Glutaraldehyde)	1 - 10%	111-30-8	203-856-5	T; R23/25 C; R34 R42/43 N; R50
Ammonium chloride (Ammonium chloride, fume)	1 - 10%	12125-02-9	235-186-4	Xn; R22 Xi; R36

#### 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. May cause dermatitis. 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** Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use as appropriate: carbon dioxide (CO2), dry chemical, foam.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Self-contained breathing apparatus. Wear protective clothing.

# Breakout

Revision 0  
Revision date

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. 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. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Glutaral (Glutaraldehyde)	WEL 8-hr limit ppm: 0.05 WEL 15 min limit ppm: 0.05	WEL 8-hr limit mg/m3: 0.2 WEL 15 min limit mg/m3: 0.2
Ammonium chloride (Ammonium chloride, fume)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: 20

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Self-contained breathing apparatus. Wear protective clothing.
<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>	Clear.
<b>Odour</b>	Aromatic.
<b>pH</b>	5.0 typical
<b>Flash point</b>	n/a°C
<b>Water solubility</b>	miscible in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	Acids. Alkalis.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Harmful in contact with skin and if swallowed. Eye damage may occur if immediate irrigation is not carried out.
<b>Corrosivity</b>	Causes burns.
<b>Repeated or prolonged exposure</b>	Repeated or prolonged exposure may cause dermatitis.

## 12. ECOLOGICAL INFORMATION

<b>Degradability</b>	The diluted product will biodegrade rapidly.
----------------------	--

## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
----------------------------	---



# Breakout

Revision 0  
Revision date

## 16. OTHER INFORMATION

**Text of risk phrases in Section 3.**

R22 - Harmful if swallowed.  
R23/25 - Toxic by inhalation and if swallowed.  
R34 - Causes burns.  
R36 - Irritating to eyes.  
R42/43 - May cause sensitisation by inhalation and skin contact.  
R50 - Very toxic to aquatic organisms.

**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.