



# SAFETY DATA SHEET

<b>Product Name:</b>	<b>Citraclean</b>	<b>SDS Reference</b>	BHS030
<b>Version No.</b> 2	<b>Initial issue date</b> October 24 <sup>th</sup> , 2013	<b>Revision date</b>	01/08/2018

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product Identifier</b>	<b>Citraclean</b>	
<b>1.2 Relevant Use(s)/misuse(s)</b>	<b>Degreaser</b>	
<b>1.3 SDS Supplier</b>	<b>Bioguard Hygiene Solutions Ltd.</b>	<b>Telephone:</b> +44(0)1604 592048
<b>1.3.1 Manufacturer</b>	Bioguard Hygiene Solutions Ltd. 64a St James Mill Rd St James Northampton NN5 5JP	<b>Fax No:</b> +44(0)1604 583854
		<b>Competent Person e-mail:</b> trevor@rising-hsande.co.uk
<b>1.4 Emergency Telephone</b>	+44(0)1604 592048 (office hours)	

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE MIXTURE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

#### 2.1.2 Additional information

See section 16 for full text of H statements.

### 2.2 LABELLING ELEMENTS

2.2.2 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)



**Signal word**

**Pictogram(s):**

**WARNING**

**Hazard statement(s)**

H317 MAY CAUSE AN ALLERGIC SKIN REACTION.  
H319 CAUSES SERIOUS EYE IRRITATION.  
H336 MAY CAUSE DROWSINESS OR DIZZINESS.

**Precautionary statement(s)**

P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.  
P302 +352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.  
P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES.REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P501 DISPOSE OF CONTENTS/CONTAINER TO AN AUTHORISED SITE

### 2.3 OTHER HAZARDS

THE PREPARATION CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT (WEL)



<b>Product Name:</b>	<b>Citraclean</b>	<b>SDS Ref.</b>	<b>BHS030</b>
----------------------	-------------------	-----------------	---------------

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation**                      **AQUEOUS MIXTURE OF ORGANIC SUBSTANCES**

**Substances**

<b>Chemical name</b>	<b>CAS-No</b>	<b>EINECS/ELINCS</b>	<b>Classification</b>	<b>Concentration</b>
TERPENES	8024-48-6	232-433-8	Flam. Liq. 3 H226; Skin Irrit. 2 H315 ; Asp. Tox. 1 H304; Aquatic Chronic 3 H412	< 10%
ISOPROPANOL	67-63-0	200-661-7	Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE3 H336	25-35%
ALCOHOL POLYGLYCOL ETHER	NOT ASSIGNED	NOT ASSIGNED	Acute Tox. 4 H302; Eye damage 1 H318	<3%

### 4. FIRST AID MEASURES

**4.1 Description of measures**

<b>Inhalation</b>	Remove casualty to fresh air. If necessary, seek medical advice.
<b>Skin contact</b>	Immediately clean areas affected with soap and plenty of water. If necessary, seek medical advice
<b>Eye contact</b>	Immediately wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. If conscious, drink plenty of water. If necessary, Seek medical advice.

**4.2 Most important effects/symptoms**                      None known.

**4.3 Immediate/special treatment**                      Treatment as described above.

### 5. FIRE FIGHTING MEASURES

<b>5.1 Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder) Do not use strong water jets
<b>5.2 Special hazards</b>	Avoid run-off water entering the drains (e.g. use barriers)
<b>5.3 Advice for fire fighters</b>	Wear self-contained breathing

### 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions</b>	Use suitable protective equipment (see section 8)
<b>6.2 Environmental precautions</b>	Do not allow to get into waste water or waterways in large quantities; if this occurs, inform the relevant water authority at once.
<b>6.3 Methods and materials for cleaning up</b>	Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
<b>6.4 Reference to other sections</b>	See section 8 for personal protective equipment.



<b>Product Name:</b>	<b>Citraclean</b>	<b>SDS Ref.</b>	<b>BHS030</b>
----------------------	-------------------	-----------------	---------------

## 7. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Handle in accordance with good hygiene and safety practice.
<b>7.2 Conditions for safe storage</b>	Keep containers closed, cool, dry and away from heat
<b>7.3. Specific end use(s)</b>	Degreaser

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>8.1 Controls parameters</b>	Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2011)
	LTEL (8 hour TWA): 400 ppm 999 mg/m <sup>3</sup> Data for isopropanol
	STEL (15 min): 500 ppm 1250 mg/m <sup>3</sup> Data for isopropanol
<b>8.2 Exposure controls</b>	
<b>Engineering controls</b>	Provide adequate ventilation (e.g. local exhaust ventilation).
<b>Personal protection</b>	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles if risk of eye contamination.
<b>Skin protection</b>	Impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Respirator (e.g. EN 149:2001 P2 or P3) only if ventilation is insufficient.
<b>Other protection</b>	Protective overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Basic physical and chemical properties</b>	
<b>Physical form</b>	Liquid
<b>Colour</b>	Orange
<b>Odour</b>	Citrus/alcoholic
<b>Odour threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Boiling pt / range</b>	Approx. 100 °C
<b>Melting pt / range</b>	Approx. 0 °C
<b>Flash point</b>	Not applicable °C
<b>Flammability</b>	Not applicable
<b>Thermal decomposition</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Explosion limits</b>	Not determined
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temp.</b>	Not applicable
<b>Relative density</b>	0.95
<b>Vapour pressure</b>	Not applicable



<b>Product Name:</b>	<b>Citraclean</b>	<b>SDS Ref.</b>	<b>BHS030</b>
----------------------	-------------------	-----------------	---------------

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Vapour density	Not applicable
Water solubility	Miscible
Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. Log <sub>oct/water</sub>	Not determined
9.2 Other information	None known.

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous polymerisation will not occur
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	None known.
10.4 Conditions to avoid	None known.
10.5 Incompatible material	None known.
10.6 Hazardous decomposition products	Oxides of carbon

## 11. TOXICOLOGICAL INFORMATION

### 11.1 information on toxicological effects

Acute toxicity	LD <sub>50</sub> rat (oral)	> 2000 mg/kg	Data for alcohol polyglycol ether
Dermal compatibility	Irritant (Rabbit, OECD 404) - Data for alcohol polyglycol ether		
Mucous membrane compatibility	Risk of serious damage to eyes (rabbit, OECD405) - Data for alcohol polyglycol ether		

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC <sub>50</sub>	Fish	1-10 mg/l (96 hours)	Data for alcohol polyglycol ether
12.2 Degradability	Not determined.			
12.3 Bioaccumulative potential	Not determined			
12.4 Mobility In soil	Not determined			
12.5 PBT/vPvB assessment	Not determined			
12.6 Other adverse effects	None known.			

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment measures

Advice on disposal	If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
--------------------	---

<b>Product Name:</b>	<b>Citraclean</b>	<b>SDS Ref.</b>	<b>BHS030</b>
----------------------	-------------------	-----------------	---------------

### 13. DISPOSAL CONSIDERATIONS

**Contaminated packaging**      Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

### 14. TRANSPORT INFORMATION

**14.1 United Nations number (ADR, IMDG, IATA)**      Not classified

**14.2 Proper shipping name (ADR, IMDG, IATA)**      Not classified

**14.3 Transport class(s) (ADR, IMDG, IATA)**      Not classified

**14.4 Packing group (ADR, IMDG, IATA)**      Not classified

**14.5 Environmental hazards (ADR, IMDG, IATA)**      The product should NOT be marked as a marine pollutant.

**14.6 Special procedures (ADR, IMDG, IATA)**      Not applicable

**14.7 Transport in bulk (ADR, IMDG, IATA)**      Not applicable

### 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations**      The product is classified in accordance with EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.

**15.2 Chemical safety assessment**      Not applicable

### 16. OTHER INFORMATION

**Further information**

**Hazard statements referred to in sections 2/3**

- H225: Highly flammable liquid and vapour.
- H226: Flammable liquid and vapour
- H302: Harmful if swallowed
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.

**Sources of data**      Other suppliers' safety data sheets, EH40(2011)

**Date of issue**      02-11-2016

**This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.**



<b>Product Name:</b>	<b>Citraclean</b>	<b>SDS Ref.</b>	<b>BHS030</b>
----------------------	-------------------	-----------------	---------------

Safety data sheet prepared by Rising HS&E Services.

