

bioguard

PRODUCT SAFETY DATA SHEETS



Class-leading hygiene, cleaning and infection-control products

HEALTHCARE

VENDING

FOOD PROCESSING

Bioguard Descaler Liquid

PROVEN HYGIENE SOLUTIONS

Product Name:	DESCALER LIQUID	SDS Reference	BHS018
Version No. 1	Initial issue date October 24 th , 2013	Revision date	

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

1.1 Product Identifier Descaler Liquid
1.2 Relevant Use(s)/misuse(s) Descaler liquid
1.3 SDS Supplier Bioguard Hygiene Solutions Ltd.
1.3.1 Manufacturer Bioguard Hygiene Solutions Ltd.
 64a St James Mill Rd
 St James
 Northampton NN5 5JP
1.4 Emergency Telephone +44(0)1604 592048 (office hours)

Telephone: +44(0)1604 592048
Fax No: +44(0)1604 583854
Competent Person e-mail:
 trevor@rising-hsande.co.uk

2. HAZARDS IDENTIFICATION

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

Pictogram(s): 
Signal word
DANGER

Hazard statement(s)	H315 CAUSES SKIN IRRITATION. H318 CAUSES SERIOUS EYE DAMAGE.
Precautionary statement(s)	P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P301+312 IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL. P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES.REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P332+313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.

2.3 OTHER HAZARDS NONE KNOWN.

Contact Bioguard today to see the difference we can make

Product Name:	DESCALER LIQUID	SDS Ref.	BHS018
----------------------	------------------------	-----------------	--------

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS SOLUTION

Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
MINERAL ACID SALT OF ORGANIC AMIDE	506-89-8	208-059-6	CLP: Acute Tox. 4 H302: Skin Irrit. 2 H315; Eye Dam. 1 H318	Approx. 50%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	Not a normal route of exposure.
Skin contact	Immediately clean areas affected with soap and plenty of water. If necessary, seek medical advice
Eye contact	Immediately wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.
Ingestion	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

5.1 Extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder)
5.2 Special hazards	Avoid run-off water entering the drains (e.g. use barriers)
5.3 Advice for fire fighters	Wear self-contained breathing

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

Contact Bioguard today to see the difference we can make



64a St James Mill Road, St James,
Northampton NN5 5JP United Kingdom

t: +44(0)1604 592048
f: +44(0)1604 583854

info@bioguardhygiene.com
www.bioguardhygiene.com

Product Name:	DESCALER LIQUID	SDS Ref.	BHS018
----------------------	------------------------	-----------------	--------

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	No OEL data are available. Comply with good practice.
8.2 Exposure controls	
Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if risk of eye contamination.
Skin protection	Impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Respirator (e.g. EN 149:2001 P2 or P3) only if ventilation is insufficient.
Other protection	Protective overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties	
Physical form	Liquid
Colour	Yellow
Odour	Chemical
Odour threshold	Not determined
pH	4-5
Boiling pt / range	Approx. 100 °C
Melting pt / range	Approx. 0 °C
Flash point	Not applicable °C
Flammability	Not applicable
Thermal decomposition	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not determined
Auto-ignition temperature	Not applicable
Decomposition temp.	Not applicable
Relative density	1.15
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Miscible
Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. Log_{Oct/water}	Not determined
9.2 Other information	None known.

Contact Bioguard today to see the difference we can make



64a St James Mill Road, St James,
Northampton NN5 5JP United Kingdom

t: +44(0)1604 592048
f: +44(0)1604 583854

info@bioguardhygiene.com
www.bioguardhygiene.com

Product Name:	DESCALER LIQUID	SDS Ref.	BHS018
----------------------	------------------------	-----------------	--------

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	May be corrosive to metals
10.4 Conditions to avoid	None known.
10.5 Incompatible material	Alkalies,
10.6 Hazardous decomposition products	Not determined

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects			
Acute toxicity	LD ₅₀ rat (oral)	1121 mg/kg	Data for mineral acid salt of organic amide
Dermal compatibility	No data available		
Mucous membrane compatibility	No data available		

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀	Fish	mg/l (96 hours)	No data available
12.2 Degradability	BOD (10): 600 mg/l; COD: 3500 mg/l			
12.3 Bioaccumulative potent.	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.
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.

Contact Bioguard today to see the difference we can make



64a St James Mill Road, St James,
Northampton NN5 5JP United Kingdom

t: +44(0)1604 592048
f: +44(0)1604 583854

info@bioguardhygiene.com
www.bioguardhygiene.com

Product Name:	DESCALER LIQUID	SDS Ref.	BHS018
----------------------	------------------------	-----------------	--------

14. TRANSPORT INFORMATION

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 the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 4) and 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 **Risk phrases/ hazard statements referred to in sections 2/3**

- H302: Harmful if swallowed
- H315: Causes skin irritation.
- H318: Causes serious eye damage.

Sources of data Other suppliers' safety data sheets

Date of issue 24-10-2013

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.

Safety data sheet prepared by Rising HS&E Services.

Contact Bioguard today to see the difference we can make



64a St James Mill Road, St James,
Northampton NN5 5JP United Kingdom

t: +44(0)1604 592048
f: +44(0)1604 583854

info@bioguardhygiene.com
www.bioguardhygiene.com