

SAFETY DATA SHEET
ACCORDING TO 1907/2006/EC, ARTICLE 31

SEHELLE GRIME & LIMESCALE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1: PRODUCT IDENTIFIER

Product Name	Sechelle Grime & Limescale
Other means of identification	Heavy Duty Bathroom Cleaner Tile Cleaner Lime scale remover

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

Identified uses	Removal of Grime and Lime Scale, watermarks, in shower areas, basins, tiles and algae
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1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier	Sechelle manufacturing Ltd
Address	Unit 18-20 Uplands Business Park Blackhorse Lane Walthamstow London E17 5QJ
Web	www.sechelle.co.uk
Telephone	020 8503 3588
Fax	
Email	sales@sechelle.co.uk
Email address of the competent person	SDS@sechelle.co.uk


1.4 EMERGENCY TELEPHONE NUMBER

Emergency telephone number	
Further information	
Uses advised against	

SECTION 2: HAZARDS IDENTIFICATION**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

2.1.1 Classification – 1999/45/EC	SKIN CORR. 1A-H314; EYE DAM. 1-H318
Main Hazards	CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

2.2 LABEL ELEMENTS

Symbols	
Signal word	DANGER
Hazard statement	H314-CAUSES SEVERE SKIN BURNS AND EYE DAMAGE
Precautionary Statement: Prevention	P102-KEEP OUT OF REACH OF CHILDREN. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P 15- RESTRICTED TO PROFESSIONAL USERS.
Precautionary Statement: Response	P301+P330+P331- IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P302+350- IF ON SKIN: GENTLY WASH WITH PLENTY OF SOAP AND WATER. P305+P351+P338- IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND.
	CONTAINS: ALCOHOL ETHOXYLATES & PHOSPHORIC ACID

2.3 OTHER HAZARDS

Other hazards	No data is available on this product.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Range	EC No	CAS No	Reach No/Submission No	Classification according to 67/548/EEC
CITRIC ACID MONOHYDRATE	5-10%	201-069-1	5949-29-1	01-2119457026	H319
PHOSPHORIC ACID	5-10%	231-633-2	7664-38-2		H314
ALCOHOL (C9-C11) ETHOXYLATE (6EO)	1.3%		68439-45-2		H302; H318
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	.05-2%	270-325-2	68424-85-1		H302; H312; H314; H318; H400

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE). IN CASE OF ACCIDENT BY INHALATION: REMOVE CASUALTY TO FRESH AIR AND KEEP AT REST.
Eye contact	RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES.
Skin Contact	RINSE IMMEDIATELY WITH PLENTY OF WATER
Ingestion	DO NOT INDUCE VOMITING. DRINK 1 TO 2 GLASSES OF WATER. IF SWALLOWED, RINSE MOUTH WITH WATER (ONLY IF PERSON OR CONSCIOUS)

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Inhalation	INHALATION MAY CAUSE NAUSEA AND VOMITING.
Eye contact	IRRITATING TO EYES
Skin Contact	IRRITATING TO SKIN.
Ingestion	INGESTION MAY CAUSE NAUSEA AND VOMITING

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Inhalation	IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE) REMOVE THE EFFECTED PERSON FROM THE SOURCE OF CONTAMINATION IMMEDIATELY.
Eye contact	IRRITATING TO EYES. BATHE THE EYE WITH RUNNING WATER FOR 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO.
Skin Contact	IRRITATING TO SKIN. RINSE IMMEDIATELY WITH PLENTY OF WATER.
Ingestion	INGESTION MAY CAUSE NAUSEA AND VOMITING, RINSE MOUTH THOROUGHLY. DRINK 1 TO 2 GLASSES OF WATER

GENERAL INFORMATION

	AVOID CONTACT WITH EYES AND SKIN. IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL SEEK MEDICAL ADVICE IMMEDIATELY (SHOW LABEL WHERE POSSIBLE)
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SECTION 5: FREIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

	WATER SPRAY
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5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

	CARBON DIOXIDE (CO ₂)
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5.3 ADVICE FOR FIRE FIGHTERS

	SELF-CONTAINED BREATHING APPARATUS
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

6.2 ENVIRONMENTAL PRECAUTIONS

ADVISE LOCAL AUTHORITIES IF LARGE SPILLS CANNOT BE CONTAINED.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

ABSORB WITH INERT, ABSORBENT MATERIAL.

6.4 REFERENCE TO OTHER SECTIONS

FOR PERSONAL PROTECTION, SEE SECTION 8, FOR WASTE DISPOSAL SEE SECTION 13.

FURTHER INFORMATION

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. AVOID CONTACT WITH EYES AND SKIN. KEEP ONLY IN THE ORIGINAL CONTAINER. KEEP OUT OF REACH OF CHILDREN.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

DO NOT MIX WITH ANY OTHER PRODUCTS. KEEP ONLY IN THE ORIGINAL CONTAINER.

7.3 SPECIFIC END USE(S)

PLASTIC CONTAINERS

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

NO DATA IS AVAILABLE ON THIS PRODUCT

8.1.1 Exposure Limit Values

8.2 EXPOSURE CONTROLS



8.2.1 Appropriate engineering controls

NOT NORMALLY REQUIRED

8.2.2 Individual protection measures

ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. USE APPROPRIATE CLOTHING.

Eye/face protection

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION

Skin protection

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION

Hand protection

CHEMICAL RESISTANT GLOVES (PLASTIC)

Skin protection – other

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION

Respiratory protection

NOT NORMALLY REQUIRED

Thermal hazards

NO DATA IS AVAILABLE ON THIS PRODUCT

8.2.3 Environmental exposure controls

NOT NORMALLY REQUIRED

Occupational exposure controls

NOT NORMALLY REQUIRED. USE AS APPROPRIATE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

State	AQUEOUS SOLUTION
Colour	PALE GREEN
Odour	MILD
pH	1.9-3.3
Melting point	135
Freezing point	-2
Boiling point	100
Flash point	NOT APPLICABLE
Evaporation rate	NOT APPLICABLE
Flammability limits	NOT APPLICABLE
Vapour flammability	NOT APPLICABLE
Vapour pressure	NOT APPLICABLE
Vapour density	NOT APPLICABLE
Relative density	NOT RELEVANT
Fat solubility	NOT APPLICABLE
Partition coefficient	NOT APPLICABLE
Autoignition temperature	325
Explosive	NOT APPLICABLE
Oxidising	NOT APPLICABLE
Solubility	NOT APPLICABLE

9.2 OTHER INFORMATION

Conductivity	NOT APPLICABLE
Surface tension	NOT APPLICABLE
Gas group	NOT APPLICABLE
Benzene content	NOT APPLICABLE
Lead content	NOT APPLICABLE
VOC (volatile organic compounds)	NOT APPLICABLE

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

	ALKALIS
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10.2 CHEMICAL STABILITY

STABLE UNDER NORMAL CONDITIONS

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

ALKALINE SOLUTIONS

10.4 CONDITIONS TO AVOID

DO NOT ALLOW TO FREEZE

10.5 INCOMPATIBLE MATERIALS

ALKALIS. OXIDISING AGENTS ALUMINIUM

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

CARBON DIOXIDE (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
Skin corrosion/irritation	CAUSES SEVERE SKIN BURNS
Serious eye damage/irritation	EYE IRRIT 2:H318- CAUSES SERIOUS EYE DAMAGE.
Respiratory or skin sensitisation	MAY CAUSE SENSITISATION BY SKIN CONTACT.
Germ cell mutagenicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
Carcinogenicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
Reproductive toxicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
STOT-single exposure	NO DATA IS AVAILABLE ON THIS PRODUCT.
STOT-repeated exposure	NO DATA IS AVAILABLE ON THIS PRODUCT.
11.1.4 Toxicological Information	
Citric Acid Monohydrate	DERMAL RAT LD50: 200 MG/KG ORAL RAT LD50: 11700 MG/KG
Phosphoric Acid	LD50 (ORAL RAT) 1520MG/KG
Alcohol (C9-11) Ethoxylate (6EO)	ORAL LD50 2000 MG/KG RAT INHALATION LC50 1.6MK/L (VAPOURS) RAT
Alkyl Dimethyl Benzyl Ammonium Chloride	ACUTE TOXICITY-FISH: LC50 96 HOUR 0.515MG/L ACUTE TOXICITY-AQUATIC INVERTEBRATES: EC50 48 HOURS 0.016MG/L DAPHNIA MAGNA

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Citric Acid Monohydrate	FISH LC50/96H: 440.0000 MG/L
Phosphoric Acid	DL50 12 HOUR PH OF 3-3.5
Alcohol (C9-11) Ethoxylate (6EO)	NOEC 0.77MG/L DAPHNIA MAGNA
Alkyl Dimethyl Benzyl Ammonium Chloride	DERMAL LD50; CRITERIA ARE NOT MET. ATE DERMAL(MG/KG) 29333.362667

12.2 PERSISTENCE AND DEGRADABILITY

	READILY BIODEGRADABLE. THE SURFACTANT(S) CONTAINED IN THIS PRODUCT COMPLIES (COMPLY) WITH BIODEGRADABILITY CRITERIA AS LAID DOWN IN REGULATION (EC) No. 648/2004 ON DETERGENTS.
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12.3 BIOACCUMULATIVE POTENTIAL

	DOES NOT BIOACCUMULATION
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12.4 MOBILITY IN SOIL

	DO NOT LET PRODUCT CONTAMINATE SUBSOIL.
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12.5 RESULTS OF PBT AND vPvB ASSESSMENT

	CAUTION-SUBSTANCE NOT YET FULLY TESTED.
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12.6 OTHER ADVERSE EFFECTS

	NO DATA IS AVAILABLE ON THIS PRODUCT.
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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

	DISCHARGE USED SOLUTIONS TO DRAIN. SMALL AMOUNTS (LESS THAN 5 LITRES) OF UNWANTED PRODUCT MAY BE FLUSHED WITH WATER TO SEWER. LARGE VOLUMES MUST BE SENT FOR DISPOSAL AS SPECIAL WASTE. RINSE OUT EMPTY CONTAINER WITH WATER AND CONSIGN TO NORMAL WASTE.
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GENERAL INFORMATION

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DISPOSAL METHODS

	LOCAL AND NATIONAL REGULATIONS. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.
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DISPOSAL OF PACKAGING

	EMPTY CONTAINERS CAN BE CLEANED WITH WATER. EMPTY CONTAINERS CAN BE SENT FOR DISPOSAL OR RECYCLING.
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SECTION 14: TRANSPORT INFORMATION

ADR/RID	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE.
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IMDG	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE.
IATA	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Regulations	COMMISSION REGULATION (EU) No 453/2010 OF 20 MAY 2010 AMENDING REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL ON THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICAL AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No 793/93 AND COMMISSION REGULATION (EC) No 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC AND COMMISSION DIRECTIVE 91/155/EEC, 93/67/EEC, 93/105EC AND 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 DECEMBER 2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH) ESTABLISHING A EUROPEAN CHEMICAL AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No 793/93 AND COMMISSION REGULATION (EC) No 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC AND COMMISSION DIRECTIVES 91/155/EEC, 93/67/EEC AND 2000/21/EC
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15.2 CHEMICAL SAFETY ASSESSMENT

	NO DATA IS AVAILABLE ON THIS PRODUCT
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SECTION 16: OTHER INFORMATION

OTHER INFORMATION

Text of risk phrases in Section 3	H319-CAUSES SERIOUS EYE IRRITATION H314- CAUSES SEVERE SKIN BURNS AND EYE DAMAGE H302- HARMFUL IF SWALLOWED H318- CAUSES SERIOUS EYE DAMAGE H400- VERY TOXIC TO AQUATIC LIFE
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GENERAL INFORMATION

	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE. 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.
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FURTHER INFORMATION

	<p>The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness.</p>
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	<p>SEHELLE MANUFACTURING LTD WILL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY RESULTING FROM ANY INHERENT HAZARD OF THE MATERIAL, THE ABNORMAL USE OF THE MATERIAL OR FROM FAILURE TO ADHERE TO RECOMMENDATION.</p>
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