


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

SECHELLE BLEACH PLUS


Section 1: Identification of the substance/mixture and of the company/undertaking	
1.1: Product Identifier	
Product Name	Sechelle Bleach Plus
Other means of identification	Thick Bleach Extra Strong Bleach Chlorine Solution Sodium Hypochlorite Solution
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified uses	Disinfectant
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	Eye DAM. 1-318
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 H412 Harmful to aquatic life with long lasting effects
Precautionary Statement: Prevention	P102-Keep out of reach of children. P 15- Restricted to professional users. P280- Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statement: Response	P301+P330+P331- IF SWALLOWED: Rinse mouth. Do Not induce vomiting. P303+P361+P353- IF ON SKIN: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313-If eye irritation persists: Get medical advice/attention. P501-Dispose of contents/container to an appropriate local waste system. Contains: Sodium Hypochlorite, Sodium Laureth/Pareth Sulfate and Sodium Hydroxide
2.3 Other hazards	
Other hazards	Contact with acids liberates toxic gas

Section 3: Composition/information on ingredients	

Name	Range	EC No	CAS No	Reach No/Submission No	Classification according to 67/548/EEC
Sodium hypochlorite 14-15%	1-10%	231-668-3	7681-52-9	01-2119488154-34	H315; H400
Sodium Laureth/Pareth Sulfate	3-5%	500-234-8	68891-38-3	01-2119488639-16	H315; H318
Sodium Hydroxide	0.5-1%	215-185-5	1310-73-2	01-2119457892-27	H314
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. Remove any contact lenses and open eye lids wide apart. Get medical attention immediately. Continue to rinse.				
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 is 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)				



Section 5: Firefighting Measures	
5.1 Extinguishing media	
	Water spray
5.2 Special hazards arising from the substance or mixture	
	Carbon dioxide (CO ₂), Irritating gases or vapours.
5.3 Advice for firefighters	
	Self-contained breathing apparatus (SCBA) and protective clothing.
Section 6: Accidental Release Measures	
6.1 Personal precautions, protective equipment and emergency procedures	
	Wear suitable protective clothing, gloves and eye/face protection. Wear suitable 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	
	small spillages under 5 litres flush away with plenty of water. Larger Spillage absorb with inert, absorbent material. Collect and place in suitable waste disposal containers and seal securely.
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 an skin. Keep only in the original container. Keep out of reach of children.
7.2 Conditions for safe storage, including any incompatibilities	
	May release dangerous gases (chlorine) Do Not mix with any other products. Keep only in the original container.
7.3 Specific end use(s)	
	The identified uses for this product are detailed in Section 1.2.
Suitable packaging	Keep only in original containers.

Section 8: Exposure Controls/Personal Protection	
8.1 Control parameters	
	No data is available on this product
8.1.1 Exposure Limit Values	
Sodium Hypochlorite 14-15%	WEL 8hr limit ppm: WEL 8-hr limit mg/m3: WEL 15 min limit ppm: 2mg/m3 WEL 15 min limit mg/m3
8.2 Exposure controls	
	
8.2.1 Appropriate engineering controls	Ensure adequate ventilation of the working area
8.2.2 Individual protection measures	Avoid contact with eyes and skin. wear suitable gloves and eye face protection.
Eye/face protection	safety glasses
Skin protection	rubber gloves
Hand protection	Wear suitable gloves
Skin protection – other	Avoid contact with eyes and skin. wear suitable gloves and eye face protection.
Respiratory protection	Not normally required
Thermal hazards	Chlorine
8.2.3 Environmental exposure controls	Not normally required
Occupational exposure controls	Not normally required.
Section 9: Physical and Chemical Properties	
9.1 Information on basic physical and chemical properties	
State	Viscous
Colour	straw

Odour	characteristic
pH	10
Melting point	Not applicable
Freezing point	-4
Boiling point	105
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability limits	Not applicable
Vapour flammability	Not applicable
Vapour pressure	Not applicable
Vapour density	-1
Relative density	1
Fat solubility	Not applicable
Partition coefficient	Not applicable
Autoignition temperature	Not relevant
Explosive	Not applicable
Oxidising	Not applicable
Solubility	Not applicable
9.2 Other information	
Conductivity	Not applicable
Surface tension	Not applicable
Gas group	chlorine
Benzene content	Not applicable
Lead content	Not applicable
VOC (volatile organic compounds)	Not applicable
Section 10: Stability and Reactivity	
10.1 Reactivity	
	Acids, Alkali metals, ammonia, copper and its alloys, organic materials, Strong oxidising agents
10.2 Chemical stability	
	Do NOT allow to freeze. Stable under normal conditions
10.3 Possibility of hazardous reactions	
	contact with acids liberates toxic gas. oxidising agent
10.4 Conditions to avoid	
	Heat will increase pressure in sealed container.
10.5 Incompatible materials	

	acids, alkali metals. Contac with acids liberates toxic gas (chlorine)
10.6 Hazardous decomposition products	
	Chlorine
Section 11: Toxicological Information	
11.1 Information on toxicological effects	
Acute toxicity	No data available
Skin corrosion/irritation	cause irritation to skin
Serious eye damage/irritation	cause irritation to eyes.
Respiratory or skin sensitisation	May cause sensitisation by inhalation and 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	No data available
Section 12: Ecological Information	
12.1 Toxicity	
Sodium Laureth/Pareth Sulfate	Daphnia EC50/48h: 10.0000 mg/l Algae IC50/72h: 100.0000 mg/l
Sodium Hypochlorite 14-15%	Fish LC50/96: 10.0000 mg/l Algae EC50/72: 10
Sodium Hydroxide	Daphnia LC50/96: 10.00 Algae EC50/72: 10
	Dermal rat LD50:2000 Oral rat LD50: 1100
	Daphine EC50/48h: 4000.0000mg/l Fish LC50/96: 33.000mg/l
12.2 Persistence and degradability	
	More than 90% biodegradable
12.3 Bioaccumulative potential	

	Does not bioaccumulate
12.4 Mobility in soil	
	Do not let product contaminate subsoil.
12.5 Results of PBT and vPvB assessment	
	DNEL: derived no effect level
12.6 Other adverse effects	
	DNEL: derived no effect level
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.
General information	
	This product is considered as none hazardous
Disposal methods	
	Local and national regulations. This material and its container must be disposed of in a safe way.
Disposal of packaging	
	Empty containers can be cleaned with water. empty containers can be sent for disposal or recycling.
Section 14: Transport Information	
ADR/RID	1791
IMDG	1791
IATA	1791
Section 14.2: UN Proper shipping name	
ADR	Corrosive liquid Hypochlorite solution
IMDG	Corrosive liquid Hypochlorite solution
IATA	Corrosive liquid Hypochlorite solution

Section 14.3: Transport hazard class(es)	
ADR/RID label IMDG ICAO Transport labels	Class 8: Corrosive substance Class 8: Corrosive substance Class 8: Corrosive substance 
Section 14.4: Packaging Group	
ADR/RID IMDG ICAO	111 111 111
Section 14.5: Environmental hazard	
Environmentally hazardous substance/marine pollutant	 Marine pollutant
Section 14.6: Transport Information	
Tunnel restriction code	e
Section 14.7: Transport in bulk accordance to Annex 11 of Marpol73/78 and ibc code	
	Not relevant. for a packaged product
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, 93/105/EC 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
15.2 Chemical safety assessment	
	No data is available on this product
Section 16: Other Information	
Other information	
Text of risk phrases in Section 3	H315-causes skin irritation H400-Very toxic to aquatic life.
General information	
	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.
Further information	
	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. Sechelle 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.