


COSHH DATA SHEET
 PREMIUM CONTRACT BLEACH

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

Product Name: PREMIUM Contract Bleach
 Company Name: Andway Healthcare
 Atlantis House
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2. HAZARDS IDENTIFICATION

Classification (EC1272/2008)	Physical: Met. Corr. 1 – H290
	Health: EUH031; Skin Corr. 1B – H314; STOT Single 3 – H335
	Environmental: Aquatic Acute 1 – H400
Classification (EC1272/2008)	C; R34 R31. N;R50 Full text for all R- Phrases and Hazard statements are displayed in section 16
Labelling	
Signal Word	Danger
Hazard Statements	H290 May be corrosive to metals
	H314 Causes severe skin burns and eye damage
	H335 May cause respiratory irritation
	H400 Very toxic to aquatic life
Precautionary Statements	P260 Do not breathe dust/fume/gas/mist/vapours/spray.
	P271 Use only outdoors or in a well-ventilated area.
	P273 Avoid release to the environment.
	P280 Wear protective gloves / protective clothing/ eye protection / face protection
	P301+330+331 If swallowed: Rinse mouth. Do Not induce vomiting.
	P303+361+353 If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower
	P304+340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+351+338 If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310 Immediately call a poison centre or doctor/physician.
	P403 Store in a well-ventilated place
Supplemental Label information	
Contact with acids liberate toxic gas	

3. COMPOSITION/INFORMATION ON INGREDIENTS

EU Index Number	EC (EINECS No.	CAS-No.	REACH Reg. No
017-011-00-1	231-668-3	7681-52-9	01-2119488154-34

4. FIRST AID MEASURES

Skin Contact: Remove contaminated clothing immediately and wash with soap and water. Get medical attention immediately.

Eye Contact: Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

Ingestion: Get medical advice immediately. Do not induce vomiting. Immediately rinse mouth and drink plenty of water.

Inhalation: Move exposed person to fresh air. Get medical attention.

Most important symptoms and effects, both acute and delayed

Inhalation: In case of fire, toxic gases may be formed. Chlorine.

Ingestion: May cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.

Skin Contact: Chemical burns

Eye Contact: Causes burns. Risk of serious damage to eyes.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use fire-extinguishing media appropriate for surrounding materials. (Do not use water jet as an extinguisher, as this will spread the fire)

Specific Hazard: Chlorine, Oxygen

Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Special Fire Fighting Procedures: Cool containers with water and spray until well after the fire is out. Dike and collect extinguishing water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of spray mist and contact with skin and eyes. Provide adequate ventilation.

Environment Precautions: Spillages of uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body.

Spill Cleanup Methods: Ventilate well. Dilute with copious amounts of water. Collect with inert, damp absorbent, non-combustible material into suitable containers. Flush with water.

7. HANDLING AND STORAGE

Usage Precautions: Avoid Spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. Provide good ventilation. **WARNING** Do not use together with other products. May release dangerous gasses (Chlorine)

Storage Class: Corrosive storage

Storage Precautions: Keep containers tightly closed. Keep in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Comments: No exposure limits noted for ingredient(s)

DNEL	Industry	Inhalation	Long Term	1.55mg/m ³
DNEL	Industry	Inhalation	Short Term	3.1mg/m ³
DNEL	Consumer	Inhalation	Long Term	1.55mg/m ³
DNEL	Consumer	Inhalation	Short Term	3.1mg/m ³

Protective Equipment:



Process Conditions

provide eyewash, quick drench

Engineering Measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection

Use protective gloves made of: Nitrile, Butyl rubber, Neoprene. Polyvinyl chloride (PVC). Rubber (Natural, latex). The most suitable glove must be chosen in consultation with your glove supplier, who can inform about the breakthrough time of the glove material.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear rubber apron, wear rubber footwear.

Hygiene Measures

Wash at the end of work shift and before eating, smoking and using the toilet. Remove contaminated clothing and wash the skin thoroughly with soap & water after work. Eating, smoking and water fountains prohibited in immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Green Yellow

Odour: Strong Chlorine Odour

Solubility in Water: Soluble

pH: >11

10. STABILITY AND REACTIVITY

Reactivity: Generates toxic gas in contact with acid

Chemical Stability: Stable under normal temperature and recommended use.

Conditions to avoid: Avoid excessive heat for prolonged periods of time. Avoid exposure to high temp or direct sunlight.

Materials to avoid: Strong acids. Amines

Haz. Decomp. Products: Chlorine, Oxygen

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1-LD ₅₀	1100 mg/kg (oral rat)		
Acute Toxicity (Dermal LD ₅₀)	>2000 mg/kg Rat	Acute Toxicity (Inhalation LD ₅₀)	>10500 mg/L (Vapors) Rat 1 hour
Aspiration Hazard	None		
Ingestion	May cause chemical burns in mouth, oesophagus and stomach		
Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause irritation to the respiratory system		
Skin Contact	May cause serious chemical burns to skin		
Eye Contact	Risk of serious damage to eyes		
Target Organs	Respiratory system, lungs		

12. ECOLOGICAL INFORMATION

Hazardous Ingredients: The product contains a substance which is very toxic to aquatic organisms

LC₅₀, 96hrs, Fish mg/l 0.01-0.1

EC₅₀, 48hrs, Daphnia, mg/l 0.01-0.1

IC50, 72 hrs, Algae, mg/l 0.85

Mobility: This product is soluble in water.

Persistence & Degradability: This product is expected to be biodegradable.

Bioaccumulative Potential: Is unlikely to be significant because of low water solubility of this product.



Other adverse effects: Not known.

13. DISPOSAL CONSIDERATIONS

NB: Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Do not puncture or incinerate even when empty.

Disposal Methods: Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

			
Proper Shipping name		Hypochlorite Solution	
UN No. Road		1791	UN No. Sea 1791
ADR Class No.		8	IMDG Class 8
ADR Class		Class 8: Corrosive substance	IMDG Pack Group III
ADR Pack Group		III	EMS F-A, S-B
Tunnel Restriction		(E)	UN No. Air 1791
Hazard No. (ADR)		80	Air Class 8
ADR Label No.		8	Air Sub Class 8
Hazchem code		2P	Air Pack Group III

15. REGULATORY INFORMATION

General Information	EU Directives: Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 th December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC including amendments.
Statutory Instruments	The Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716)
Approved Code of Practice	Safety data sheets for substances and preparation. Classification and labeling of substances and Preparations Dangerous for supply
Guidance Notes	CHIP for everyone HSG (108). Workplace Exposure Limits EH40

16. OTHER INFORMATION

REV. No. / REPL. SDS	
Generated	16 th January 2013
SDS No.	C2/330a
Safety Data Sheet Status	
Approved.	16 th January 2013
Signature	
Risk Phrases in Full	R34 Causes burns R31 Contact with acids liberates toxic gas R50 Very toxic to aquatic organisms
Hazard Statements in full	H314 Causes severe skin burns and eye damage EUH031 Contact with acids liberates toxic gas H290 May be corrosive to metals H335 May cause respiratory irritation H400 Very toxic to aquatic life
Notes	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. This product should be stored in a very well vented area and should not be mixed with any other chemicals or cleaning agents.