



SAFETY DATA SHEET

TB/5- Thickened Bleach

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

1.1 Product Name	Thickened Bleach				
1.2 Other Names					
SDS No		Rev Date:	October 2014	Rev No:	4
1.3 Application	Cleaning				
1.4 Supplier	Andway Healthcare Ltd Atlantis House, Manse Lane Knaresborough HG5 8LF sales@andwayhealthcare.org.uk				
1.5 Emergency Contact Number	01423 331000 (Hours of Operation – 07.00 to 17:00 Monday to Friday)				

SECTION 2. HAZARD IDENTIFICATION

Classification (1999/45/EEC)

2.1 Classification	Hazard: Irritating to eyes and skin, contact with acids liberates toxic gasses
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3.2 Mixture

Hazardous ingredients:

NAME	EC No.	CAS-No.	Content	Classification
Sodium Hypochlorite Solution	231-668-3	7681-52-9	<5%	C;R34, R31, N;R50
Sodium Hydroxide	215-185-5	1310-73-2	<5%	C;R34
Sodium C12-C15 Alkylether Sulphate		68585-34-2	<5%	Xi; R38, R41

SECTION 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures

Inhalation	Move exposed person to fresh air. Keep at rest. Get medical attention if discomfort continues.
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Ingestion	Get medical advice immediately. Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Provide rest, warmth & fresh air.
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. Get medical attention immediately. Continue to rinse. Get medical attention immediately. Continue to rinse.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media Use:

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2 Specific Hazard arising from the chemical

Chlorine, Oxygen

5.3 Special protective actions for fire fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Water spray to cool containers. Dike and collect extinguishing water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

Personal precautions: Wear suitable protective equipment

6.2 Environmental Precautions

Do not allow products to enter into surface water drains, prevent further spillage if safe to do so.

6.3 Methods and material for containment and clean up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes & skin. Adopt best Manual Handling, carrying and dispensing.

7.2 Conditions for safe Storage, including incompatibilities

Corrosive storage. Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Keep container tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

-  Hygiene & Catering
-  Care Equipment
-  Care Home Furniture
-  Servicing & Repairs
-  Nursing Consumables



8.1 Control parameters

NAME	Std	TWA – 8 hrs	STEL – 15 min
Sodium Hydroxide	WEL		2
Sodium Hypochlorite		No guide	No guide

WEL= Workplace exposure limits

Protective Equipment



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, Latex). The most suitable glove must chosen in conjunction with the glove supplier, who will advise of the best option
Eye Protection	Approved glasses / goggles
Other Protection	Overalls, wear rubber apron, wear rubber footwear
Engineering Measures	Ensure well ventilated working area
Hygiene Measures	Wash at the end of each work shift and before eating, smoking and using the toilet. Re-contaminated clothing and wash the skin thoroughly with soap and water after work. Bathing and water fountains prohibited in immediate work area.

8.2 Appropriate engineering controls

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

This Product is a	
Appearance	Liquid
Colour	Clear to Yellow
Odour	Faint chlorine odour
Oxidising	
Soluble Solubility in water:	Soluble
PH	Conc.Solution
Flash point°C:	

- Hygiene & Catering
- Care Equipment
- Care Home Furniture
- Servicing & Repairs
- Nursing Consumables



Respiratory protection:
Respiratory protection not required.

9.2 Other information

N/A

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Generates toxic gas in contact with acid

10.2 Chemical stability

Stable under normal temperature and recommended use.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Heat, Direct Sunlight, Do not allow to freeze

10.5 Incompatible materials

Strong acids. Other halogenated organics

10.6 Hazardous decomposition products

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxic Dose 1-Ld 50	1100mg/kg 9oral rat)
Inhalation	Vapours may irritate throat and respiratory system and cause coughing
Ingestion	May cause chemical burns in mouth, oesophagus and stomach
Skin Contact	May cause serious chemical burns to skin
Eye Contact	Causes burns.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

-  Hygiene & Catering
-  Care Equipment
-  Care Home Furniture
-  Servicing & Repairs
-  Nursing Consumables



Persistence and degradability: The surfactants in this product comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the component authorities of the Member States and will be made available to them at their direct request or at the request of the detergent manufacturer.

12.3. Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

Mobility: This product is soluble in water.

Degradability: This product is expected to be biodegradable.

Eco Toxicity The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful effect on the environment.

12.6. Other adverse effects

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Other adverse effects: Negligible ecotoxicity.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14. TRANSPORT CONSIDERATIONS



NB: Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.



SECTION 15. REGULATORY REQUIREMENTS

15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture

15.2 Chemical Safety Assessment

Labelling				
	Irritant	Marine Pollutant		
Contains	Sodium Hydroxide Sodium hypochlorite solution			
Risk Phrases	R31 – Contact with acids liberates toxic gases R36/38 – Irritating to eyes & skin			
Safety Phrases	S2 S24/25 S26 S28 S36/37/39 S45 S60	Keep out of reach of children Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water advice. After contact with skin, wash immediately with plenty of soap suds Wear suitable protective clothing, gloves and eye/face protection In case of accident or if you feel unwell, seek medical advice immedi- ately where possible This material and its container must be disposed of as hazardous waste		
Statutory Instruments	Chemicals (Hazard information and packaging) regulations			
Approved Code of Practice	Safety data sheets of substances and preparations. Classification and labelling of substances and preparations dangerous to supply			
Guidance Notes	CHIP for everyone HSG (108). Workplace Exposure Limits EH40			
Chemical safety Assessment	A chemical safety assessment has to be carried out			

SECTION 16. OTHER INFORMATION

REV. No. / REPL. SDS		4
Generated	14 th May 2011	
SDS No.	C2/466	
Safety Data Sheet Status		
Approved.	14 th May 2011	
Signature		
Risk Phrases in Full	R31 – Contact with acids liberates toxic gases R34 – Causes burns R38 – Irritating to skin R41 – Risk of serious damage to eyes R50 – Very toxic to aquatic organisms	
Notes	This information relates only to the specific material designed and may not be material used in combination with any other materials or in any process. Such as the best of the company's knowledge and belief, accurate and reliable as of date of issue. No warranty, guarantee or representation is made as to its accuracy, reliability or suitability for any particular use.	
<u>END of SDS</u>		

-  Hygiene & Catering
-  Care Equipment
-  Care Home Furniture
-  Servicing & Repairs
-  Nursing Consumables