


SECTION 1		IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY /UNDERTAKING			
1.1	Product Description	SmartBuy Thick Bleach			
1.2	Relevant identified uses of the substance or mixture, and uses advised against	General thickened and perfumed Chlorine based Disinfectant Cleaner			
1.3	Company Name	Alma Hygiene Limited			
1.3.1	Company Address	280 Bannow Road, Cabra, Dublin 7, Ireland			
1.4	Telephone No.	+ 353 1 836 3636			
SECTION 2		HAZARDS IDENTIFICATION			
2.1	Classification under Chip:	Xi R36/38; R21/22			
2.1.2	Classification under CLP:	Classification according to Regulation (EC) No. 1272/2008 [CLP] Aquatic Chronic 1, H410; Skin Irrit. 2 H315: Causes skin irritation.			
2.1.3	Additional information	For full text of S, R and H phrases: see SECTION 16			
2.2	Labelling Elements	Labelling according to Regulation (EC) No 1272/2008 [CLP]			
2.2.1	Hazard pictograms (CLP):				
2.2.2	Signal word (CLP):	Danger			
2.2.3	Hazard statements:	Skin Irrit. 2 H315: Causes skin irritation. Eye Damage 1 H318: Causes serious eye damage. Aquatic Acute 1 H400: Very toxic to aquatic life. Aquatic Chronic 2 H411: Toxic to aquatic life with long lasting effects.			
2.2.4	Precautionary statements (CLP):	P102 - Keep out of reach of children P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P273 Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P332+P313: If skin irritation occurs: Get medical advice/attention.			
2.3	Other Hazards	No presence of PBT and vPvB ingredients.			
SECTION 3		COMPOSITION INFORMATION ON INGREDIENTS			
Ingredient	Product Identifier	%	Classification (67/548/EEC)	Classification (EC1272/2008)	
sodium hypochlorite, solution	(CAS No) 7681-52-9 (EC no) 231-668-3	< 5%	R34, C; R34, Xi:R37, N:R50	Met. Corr.1 H290 Skin Corr.1B H314 Eye Dam.1 H318 STOT SE3 H335 Aquatic Acute1 H400 Aquatic Chronic1 H410	
sodium hydroxide	(CAS No) 215-185-5 (EC no) 1310-73-2	< 1%	C: R35	Met. Corr.1 H290 Skin Corr.1A H314	
C10-C16 Alkyl Dimethylamine Oxide	(CAS No) 68585-34-2 (EC no)	< 1%	Xi: R38, R41		

SECTION 4		FIRST-AID MEASURES
4.1.1	Skin contact:	Wash off immediately with soap and plenty of water. If irritation appears or if the contamination is important, seek medical advice.
4.1.2	Eye contact:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.
4.1.3	Ingestion:	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting - seek medical advice. If a person vomits when lying on his back, place him in the recovery position.
4.1.4	Inhalation:	In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
4.2	Most important symptoms and effects, both acute and delayed	
4.2.1	Symptoms:	Inhalation may provoke the following symptoms: Cough, Headache, Lung oedema
4.2.2	Effect:	Risk of serious damage to the lungs (by aspiration).
4.3	Indication of any immediate medical attention and special treatment needed	No specific first aid measures noted.
SECTION 5		FIRE-FIGHTING MEASURES
5.1	Extinguishing media	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder.
5.2	Special hazards arising from the substance or mixture	Fire may cause evolution of: Chlorine, Hydrogen chloride gas, chlorine oxides
5.2.1	Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
5.3	Advice for firefighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
5.3.1	Special Fire Fighting Procedures	Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise - with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
5.3.2	Protective equipment for fire-fighters	In case of inadequate ventilation Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6		ACCIDENTAL RELEASE MEASURES
6.1	Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Wear respiratory protection. Keep people away from and upwind of spill/leak. Provide adequate ventilation. Danger of slipping if spilled Avoid contact with skin and eyes. Do not breathe vapour.
6.2	Environmental precautions	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities. If material reaches soil inform authorities responsible for such cases.
6.3	Methods and material for containment and cleaning up	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.
6.4	Reference to other sections	For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.
SECTION 7		HANDLING AND STORAGE
7.1	Precautions for safe handling	Provide good ventilation. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product
7.2	Conditions for safe storage, including any incompatibilities	Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.
7.3	Specific end use(s)	The identified uses for this product are detailed in Section 1.2
Section 8		Exposure Controls/Personal Protection
8.1	Control parameters	STEL= Short-Term Exposure Limit (15 minute) & TWA = Time Weighted Average (8 hours)
8.2	Exposure Controls	Protective equipment
8.2.1	Eye and face protection:	Wear approved, tight fitting safety glasses where splashing is probable. EN 166
8.2.2	Skin protection:	For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended. Simple Design for minimal risk
8.2.3	Respiratory protection:	Respiratory protection not required.
8.3	Environmental exposure controls:	Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act.

SECTION 9		PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance	Liquid
9.1.1	Colour	yellowish green
9.1.2	Odour	slight chlorine
9.1.3	Solubility in water	Completely soluble in water
9.1.4	Initial boiling point and boiling range	110 °C
9.1.5	Melting point (°C)	Not applicable.
9.1.7	Relative density	1.2-1.3g/cm ³ typically @20°C
9.1.8	Vapour pressure	Not applicable.
9.1.9	pH-Value, Conc. Solution	> 11
9.1.10	Viscosity	3.45 mPa.s (20 °C)
9.1.11	Solubility Value	completely soluble
Section 10		Stability and Reactivity
10.1	Reactivity	This product is a very reactive substance that can react with many inorganic and organic compounds.
10.2	Chemical stability	Decomposes on heating. Decomposes on exposure to light.
10.3	Possibility of hazardous reactions	May develop chlorine if mixed with acidic solutions.
10.4	Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
10.5	Incompatible materials	Acids, ammonium compounds, Acetic anhydride, Organic materials, Hydrogen peroxide, metal salts, Copper, Nickel, Iron
10.6	Hazardous decomposition products	Hydrogen chloride gas, Chlorine, chlorine oxides
Section 11		Toxicological information
11.1	General information	This product has low toxicity. Only large volumes may have adverse impact on human health.
11.2	Ingestion	May irritate and cause stomach pain, vomiting and diarrhoea.
11.3	Skin contact	Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.
11.4	Eye contact	May cause temporary eye irritation.
Section 12		Ecological Information
12.1	Toxicity	Dangerous for the environment: Very toxic to aquatic organisms - LC 50, 96 Hrs, FISH mg/l Sodium Hypochlorite [CAS N°7681-52-9] 0.03 -
12.2	Persistence and degradability	Rapidly degrades to Sodium Chloride by chemical reaction with organic matter in effluent
12.3	Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
12.4	ACUTE FISH TOXICITY	Very toxic to aquatic organisms.
12.5	Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
12.6	Other adverse effects	None known.

Section 13		Disposal consideration	
13.1	Waste treatment methods	Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.	
Section 14		Transport Information	
14	Road Transport Notes	Please note : Product in pack size of 5 Litres or less is classed as a "Limited Quantity" for Transport and so will have the white with black points Transport hazard diamond. Pack size greater than 5 litres will have the Black & White halved diamond Corrosive UN 1791 Transport hazard diamond	
14.1	UN number	1791	
14.2	UN proper shipping name	HYPOCHLORITE SOLUTION	
14.3	Transport hazard class(es)	Class 8: Corrosive substances	
14.4	Packing group	III	
14.5	Environmental hazards	Environmentally Hazardous Substance/Marine Pollutant	
14.6	Special precautions for user	Tunnel Restriction Code (E)	
Section 15		Regulatory Information €	
15.1	Safety, health and env. regulations / legislation specific for the mixture	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Workplace Exposure Limits EH40. CHIP for everyone HSG(108).	
15.2	Chemical Safety Assessment	Currently we do not have information from our suppliers about this.	
SECTION 16		OTHER INFORMATION	
16.1	Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.	
16.2	Phrases used in s.2 and 3:	R21/22	Harmful in contact with skin and if swallowed.
		R36/38	Irritating to eyes and skin.
		R34	Causes burns
		R38	Irritating to skin
		R41	Risk of serious damage to eyes
		R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
		R35	Causes severe burns.
		H315	Causes skin irritation.
		H314	Causes severe skin burns and eye damage.
		H317	May cause an allergic skin reaction.
		H318	Causes serious eye damage
		H335	May cause respiratory irritation.
		H400	Very toxic to aquatic life.
		H410	Very toxic to aquatic life with long lasting effects.
		H411	Toxic to aquatic life with long lasting effects.
H226	Flammable liquid and vapour.		
H290	May be corrosive to metals		