


SECTION 1		IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY /UNDERTAKING		
1.1	Product Description	SmartBuy Washing-up Liquid (Liquid Detergent)		
1.2	Relevant identified uses of the substance or mixture, and uses advised against	Detergent. Washing and cleaning		
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:			
2.1.2	Classification under CLP:	Classification according to Regulation (EC) No. 1272/2008 [CLP] Eye Irrit. 2 H319 Aquatic Chronic 3 H412		
2.1.3	Additional information	For full text of S- 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):	Warning		
2.2.3	Hazard statements:	H319 - Causes serious eye irritation H412 - Harmful 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 P337+P313 - If eye irritation persists: Get medical advice/attention P501 - Dispose of contents/container to an appropriate local waste system		
2.3	Other Hazards	No presence of PBT and vPvB ingredients.		
SECTION 3		COMPOSITION INFORMATION ON INGREDIENTS		
Ingredient	Product Identifie	%	Classification (67/548/EEC)	Classification (EC1272/2008)
Alcohols, C12-14, ethoxylated < 2.5 EO, sulfates, sodium salts	(CAS No) 68891-38-3 (EC no) 500-234-	2.5-5%	Xi;R38,R41	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Amides, C8-18 and C18-unsatd., N,N-bis (hydroxyethyl)	(CAS No) 68155-07-7 (EC no) 931-329-	2.5-5%	Xi;R38,R41.	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine	(CAS No) 121617-08-1 (EC no) 939-464-2	2.5-5%	Xi;R38,R41.	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Diethanolamine	(CAS No) 111-42-2 (EC no) 203-868-0	< 1%	Xn;R22,R48/22 Xi;R38,R41.	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2 - H373

SECTION 4		FIRST-AID MEASURES
4.1.1	Skin contact:	Rinse immediately with plenty of water. Remove contaminated clothing. Contact physician if irritation continues
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:	Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhea.
4.1.4	Inhalation:	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
4.2	Most important symptoms and effects, both acute and delayed	
4.2.1	Skin contact:	Prolonged contact may cause redness, irritation and dry skin.
4.2.2	Eye contact:	Severe pain. Redness. Swelling. Blurred vision.
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	No special hazards known.
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	Keep run-off water out of sewers and water sources. Dike for water control.
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	For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.
6.2	Environmental precautions	Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.
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	No exposure limits noted for ingredient(s).
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 control:	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	Green
9.1.2	Odour	Lemon
9.1.3	Solubility in water	Soluble in water
9.1.4	Initial boiling point and boiling range	Not applicable.
9.1.5	Melting point (°C)	Not applicable.
9.1.6	Relative density	1.08g/cm <sup>3</sup> typically @20°C
9.1.9	Vapour pressure	Not applicable.
9.1.10	pH-Value, Conc. Solution	7-8 typical
9.1.11	Viscosity	Not determined
9.1.12	Solubility Value	Not applicable.
Section 10		Stability and Reactivity
10.1	Reactivity	No specific reactivity hazards associated with this product.
10.2	Chemical stability	Stable under normal temperature conditions.
10.3	Possibility of hazardous	Not applicable.
10.4	Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
10.5	Incompatible materials	No specific, or groups of materials are likely to react to produce a hazardous situation.
10.6	Hazardous decomposition products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
Section 11		Toxicological information
11.1	General information	We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.
11.2	Ingestion	Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.
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 life with long lasting effects	
12.2	Persistence and degradability	Surfactant is readily broken down by effluent treatment process.	
12.3	Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.	
12.4	Mobility in Soil	Not known	
12.5	Results of PBT and vPvB assessm	This product does not contain any PBT or vPvB substances.	
12.6	Other adverse effects	None known.	
11.13	Ingestion	Data lacking.	
11.14	Skin contact	Data lacking.	
11.15	Eye contact	May cause temporary eye irritation.	
Section 12		Ecological Information	
12.1	Toxicity	No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
12.2	Ecological information on ingred		
	AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL)	LC50	2.4 mg/l OECD 203
		EC50	3.2 mg/l Daphnia magna
		IC50	3.9 mg/l
		NOEC	21 days 0.07 mg/l Daphnia magna OECD 211
	BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPDs. WITH TRIETHANOLAMINE (CAS: 121617-08-1)	LC50	96 hours 5.7 mg/l Brachydanio rerio (Zebra Fish)
		EC50	48 hours 10.6 mg/l Daphnia magna
		NOEC	72 hours 3.4 mg/l Scenedesmus subspicatus
		NOEC	21 days 2.8 mg/l Daphnia magna
12.2	Persistence and degradability	>92.5% 28 Days	
12.3	Bioaccumulative potential	No data available on bioaccumulation.	
12.4	Mobility in soil	The product is water soluble and may spread in water systems.	
12.5	Results of PBT and vPvB assessm	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	Dispose of waste and residues in accordance with local authority requirements. Packaging is recyclable. Wash out containers with water before disposal.	

Section 14		Transport Information
14.1	UN number	Non-dangerous Goods
14.2	UN proper shipping name	Non-dangerous Goods
14.3	Transport hazard class(es)	Non-dangerous Goods
14.4	Packing group	Non-dangerous Goods
14.3	Environmental hazards	Non-dangerous Goods
14.4	Special precautions for user	Non-dangerous Goods
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:	R22: Harmful if swallowed.
		R38 : Irritating to skin.
		R41 : Risk of serious damage to eyes.
		R48/22 : danger of serious damage to health by prolonged exposure if swallowed.
		H318 : Causes serious eye damage.
		H315 : Causes skin irritation.
		H302 : Harmful if swallowed
		H373 : May cause damage to organs through prolonged or repeated exposure