

SAFETY DATA SHEET

HXII LIQUID SOAP

No. 1 | Date Issued: 23/02/2023 Revision No.: 3

COMPANY DETAILS	
NAME:	Hygiene Systems (Pty) Ltd
EMERGENCY TEL:	0860 494 4363
ADDRESS:	7 Hargan Road, Jet Park, Boksburg
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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION	
TRADE NAME:	HXII – Liquid Soap
CHEMICAL FAMILY:	Liquid Hand Cleanser
CHEMICAL NAME:	Not applicable
SYNONYMS:	Not applicable
CHEMICAL ABSTRACT NO:	Not applicable
SECTION 2 – HAZARDOUS IDENTIFICATION	
MAIN HAZARD:	Essentially non-hazardous
FLAMMABILITY:	Not flammable
CHEMICAL HAZARD:	None
BIOLOGICAL HAZARD:	Prolonged skin contact may defat the skin
REPRODUCTIVE HAZARD:	Not known
HEALTH EFFECTS <i>(eye contact)</i>	Stinging sensation
HEALTH EFFECTS <i>(skin contact)</i>	May be irritating to skin with prolonged use
HEALTH EFFECTS <i>(ingestion)</i>	May be harmful if swallowed
HEALTH EFFECTS <i>(inhalation)</i>	Not expected to be hazard under normal use conditions with good ventilation

SECTION 3 - COMPOSITION			
HAZARDOUS COMPONENTS:			
DESCRIPTION	%	EC NUMBER	CLASSIFICATION
Essentially non-hazardous ingredients			
SECTION 4 – FIRST AID MEASURES			
PRODUCT IN EYE:	Immediately flush with water for at least 15 minutes or until irritation stops. Seek immediate medical attention.		
PRODUCT ON SKIN:	Rinse with water. Apply hand lotion with prolonged use.		
PRODUCT INGESTED:	DO NOT induce vomiting. Give copious amounts of water to drink. Seek immediate medical advice.		
PRODUCT INHALED:	Remove to fresh air. Consult physician, should breathing still be difficult.		
SECTION 5 – FIRE FIGHTING MEASURES			
EXTINGUISHING MEDIA:	Not applicable		
SPECIAL HAZARDS:	None		
PROTECTIVE CLOTHING:	Not applicable		
SECTION 6 – ACCIDENTAL RELEASE MEASURES			
PERSONAL PRECAUTIONS:	None		
ENVIRONMENTAL PRECAUTIONS:	-		
SMALL SPILLS:	Flush to approved drain with plenty of water		
LARGE SPILLS:	Absorb onto inert material. May be buried in an approved landfill site.		
SECTION 7 – HANDLING AND STORAGE			
SUITABLE MATERIAL:	Polyethylene containers (original container)		
HANDLING / STORAGE PRECAUTIONS:	Avoid prolonged contact with skin and contact with eyes. Store in a cool dry place.		

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

OCCUPATION EXPOSURE LIMITS:	Not applicable
ENGINEERING CONTROL MEASURES:	None
PERSONAL PROTECTION: (respiratory)	None
PERSONAL PROTECTION: (hand)	None
PERSONAL PROTECTION: (eye)	None
PERSONAL PROTECTION: (skin)	Overalls
OTHER PROTECTION:	Ventilation (local exhaust)
HYGIENE MEASURES:	Wash hands, forearms and face thoroughly after handling product and before eating, smoking and before going home.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Milky – white, viscous liquid
ODOUR:	Floral fragrance
pH (as is)	6.5 – 8.0
BOILING POINT:	Approx. 100°C
FREEZING POINT:	Not determined
FLASH POINT:	Not flammable
FLAMMABILITY:	Not flammable
EXPLOSIVE PROPERTIES:	Not considered as a product that has an explosion risk
OXIDIZING PROPERTIES:	None
VAPOUR PRESSURE:	Not determined
DENSITY @20°C:	1.01 ± 0.01g/cm ³
SOLUBILITY:(water)	Complete
SOLUBILITY:(solvent)	Soluble in polar solvents
SOLUBILITY:(coefficient)	This product is more soluble in water

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	The product is stable
INCOMPATIBLE MATERIALS:	Strong acids and oxidizing agents.

SECTION 11 – TOXICOLOGICAL INFORMATION

LOCAL EFFECTS:

SKIN IRRITATION:	In case of prolonged skin contact only
EYE IRRITATION:	Hazardous in case of eye contact (irritant)
ACUTE TOXICITY:	LD ₅₀ (rat): 1288mg/kg (SLES)
CHRONIC TOXICITY:	Severe eye irritation may be produced with repeated or prolonged contact with concentrated product. Ingestion may cause nausea, vomiting and / or diarrhoea.

SPECIFIC EFFECTS:

CARCINOGENIC EFFECTS:	None, as classified by OSHA and NIOSH
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SECTION 12 – ECOLOGICAL INFORMATION

ECO-TOXICITY:

ECO-TOXICITY IN WATER:	Not expected to be harmful to aquatic organisms.
BIODEGRADABILITY:	Biodegradable. If used responsibly, this product is not expected to cause adverse effects to the environment

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATION:	DO NOT re-use containers. Puncture all plastic containers.
DISPOSAL METHODS:	Waste must be disposed of in accordance with local government and environmental control regulations.
WASTE CLASSIFICATION:	No additional information.
EUROPEAN WASTE CATALOGUE (EWC):	No known data.
HAZARDOUS WASTE:	The classification of this product may meet the criteria for hazardous waste.

SECTION 14 – TRANSPORT INFORMATION

INTERNATIONAL TRANSPORT REGULATIONS:						
REGULATORY INFORMATION:	UN NUMBER:	PROPER SHIPPING NAME:	CLASS:	PACKING GROUP:	LABEL:	ADDITIONAL INFORMATION:
ADR/RID CLASS <i>Land: Road / Railway</i>	Not regulated	-	-	III	-	-
ADN CLASS <i>Inland: Waterways</i>	Not regulated	-	-	-	-	-
IMDG CLASS <i>Sea</i>	Not regulated	-	-	-	-	-
IATA-DGR CLASS <i>Air</i>	Not regulated	-	-	-	-	-
SECTION 15 – REGULATORY INFORMATION						
EU REGULATIONS:						
HAZARD SYMBOL(S):	None					
SIGNAL WORD:	None					
HAZARD STATEMENTS:	H303 – May be harmful if swallowed H320 – Cause eye irritation					
PRECAUTIONARY STATEMENTS:	P102 – Keep out of reach of children P301 + P330 + P331 – If swallowed: Rinse mouth and do not induce vomiting P305 + P351 + PP338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337 + P 313 – If eye irritation persists: Get medical advice					
PRODUCT USE:	Consumer applications. Classification and labelling have been performed as close as possible according to EU directives 67/548/EEC, 1999/45/EC including any amendments and the intended use.					
SECTION 16 – OTHER INFORMATION						
OTHER SPECIAL CONSIDERATIONS:	No additional remarks.					
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