

SAFETY DATA SHEET

HXII ANTIBACTERIAL FOAM SOAP

No. 1 | Date Issued: 26/05/2023 Revision No.: 5

COMPANY DETAILS	
NAME:	Hygiene Systems (Pty) Ltd
EMERGENCY TEL:	0860 494 4363
ADDRESS:	7 Hargan Road, Jet Park, Boksburg
TEL:	011 552 8403
SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION	
TRADE NAME:	HXII – Antibacterial Foam Soap
CHEMICAL FAMILY:	Foaming 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>(skincontact)</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
GLUTARALDEHYDE	<5		H303, H320
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:	Clear, orange liquid
ODOUR:	Neutral
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
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 SUMBOL(S):		None				
SIGNAL WORK:		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.				
DISCLAIMER: Hygiene Systems believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling and possible addition of other chemicals, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for user’s consideration and examination. It is the responsibility for the user to determine the final suitability of this information and data to comply with all applicable international, state, and local laws and regulations.						