

SAFETY DATA SHEET

QUADRASAN CITRUS TINGLE

No. 3 / Date Issued: 22/02/2019

COMPANY DETAILS	
NAME:	Hygiene Systems (Pty) Ltd
ADDRESS:	7 Hargan Road, Jet Park, Boksburg
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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION	
TRADE NAME:	Quadrasan Citrus Tingle
CHEMICAL FAMILY:	Washroom continuous maintenance system cleaner & sanitiser
CHEMICAL NAME:	Not applicable
SYNONYMS:	Not applicable
CHEMICAL ABSTRACT NO:	Not applicable
SECTION 2 – HAZARDOUS IDENTIFICATION	
MAIN HAZARD:	Harmful
FLAMMABILITY:	Not flammable
CHEMICAL HAZARD:	None
BIOLOGICAL HAZARD:	Harmful
REPRODUCTIVE HAZARD:	Not known
HEALTH EFFECTS (eye contact)	Stinging sensation (irritant)
HEALTH EFFECTS (skin contact)	Prolonged or repeated contact may cause irritation
HEALTH EFFECTS (ingestion)	May cause headaches, nausea and/or vomiting
HEALTH EFFECTS (inhalation)	May cause irritation to the respiratory tract, headache, nausea and vomiting

SECTION 3 - COMPOSITION

HAZARDOUS COMPONENTS:

	%	EC NUMBER	CLASSIFICATION
Alkyldimethylbenzylammonium chloride (CAS No.: 8001-54-5)	1 – 5		H316 /H319

SECTION 4 – FIRST AID MEASURES

PRODUCT IN EYE:	Immediately flush with water for at least 15 minutes or until irritation stops. Seek medical advice.
PRODUCT ON SKIN:	Immediately flush skin with plenty of water and remove any contaminated clothing.
PRODUCT INGESTED:	DO NOT induce vomiting. Give copious amounts of water to drink. Seek 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:	Splash goggles, overalls, boots and gloves    
ENVIRONMENTAL PRECAUTIONS:	Do not allow concentrate to enter waterways
SMALL SPILLS:	Flush to approved drain with plenty of water
LARGE SPILLS:	Absorbed 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:	Do not breathe vapour / spray. Avoid 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)	Gloves if contact is prolonged
PERSONAL PROTECTION: (eye)	Goggles (recommended)
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, colourless liquid
ODOUR:	That of citrus
pH (as is)	7.5
BOILING POINT:	<.100°C
FREEZING POINT:	Not determined
FLASH POINT:	Not determined
FLAMMABILITY:	Not flammable
EXPLOSIVE PROPERTIES:	Not considered as a product that has no explosion risk
OXIDIZING PROPERTIES:	None
VAPOUR PRESSURE:	Not determined
R.D. @20°C:	0.98 ± 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 oxidizing agents

SECTION 11 – TOXICOLOGICAL INFORMATION

LOCAL EFFECTS:

SKIN IRRITATION: Hazardous in case of prolonged skin contact

EYE IRRITATION: Hazardous in case of severe eye contact

ACUTE TOXICITY: LD₅₀ (rat): 240 mg/kg (quaternary ammonium compound)

CHRONIC TOXICITY: Chronic eye irritation and severe skin irritation may be produced with repeated or prolonged contact with the concentrate.

SPECIFIC EFFECTS:

CARCINOGENIC EFFECTS: None, as classified by OSHA and NIOSH

SECTION 12 – ECOLOGICAL INFORMATION

ECO-TOXICITY:

ECO-TOXICITY IN WATER: Concentrate may 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):	
SIGNAL WORK:	Warning
HAZARD STATEMENTS:	H316 – Causes mild skin irritation H319 – Causes serious eye irritation
PRECAUTIONARY STATEMENTS:	P102 – Keep out of reach of children P264 – Wash hands thoroughly after handling P280 – Wear appropriate protective clothing P302+P352 – IF ON SKIN: Wash with plenty of soap and water P332+P313 – If skin irritation occurs: Get medical advice 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+P313 – If eye irritation persists: Get medical advice
PRODUCT USE:	Consumer applications. Classification and labelling have been performed as close as possible according to EU directive 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.