



MR. JANITORIAL SUPPLIES
1125 KERRISDALE BLVD.
NEWMARKET, ON, L3Y 8W1
CANADA
905-836-4250

PRODUCT: QUAT 360 DISINFECTANT CLEANER
SECTION 01: IDENTIFICATION

Supplier identifier..... Mr. Janitorial Supplies
1125 Kerrisdale Blvd.
Newmarket , ON L3Y 8W1
CA
905-836-4250
Product identifier..... QUAT 360 DISINFECTANT CLEANER
Emergency telephone number..... CANUTEC 24-hour number (613-996-6666).
Product use..... Cleaner disinfectant deodorizer.

SECTION 02: HAZARD IDENTIFICATION


Hazard classification..... Eye Irritation — Category 2A.
Signal word..... WARNING.
Hazard statement..... H319 Causes serious eye irritation.
Precautionary statements..... P264 Wash thoroughly after handling. P280 Wear protective gloves/eye protection/face protection. 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.
Other hazards..... None.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Nonylphenol ethoxylate	127087-87-0	5-6
Isopropyl alcohol	67-63-0	1-1.3
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	0.2-0.25
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	0.2-0.25

SECTION 04: FIRST-AID MEASURES

Routes of exposure
Inhalation..... Remove to fresh air. If irritation persists, consult a physician.
Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary. Never give anything by mouth to an unconscious person.
Skin contact..... Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, get medical aid.
Eye contact..... Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Most important symptoms and effects, both acute and delayed . The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media..... Foam, Carbon dioxide (CO₂), Dry chemical.
Hazardous combustion products..... Carbon oxides. Chlorine, Hydrogen chloride gas. Nitrogen oxides (NO_x). Harmful vapours. The substances/groups of substances mentioned can be released in case of fire.
Special protective equipment and precautions for firefighters..... Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
Sensitivity to static discharge..... Product is not sensitive to static discharge.
Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.
Further information..... Not applicable.

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SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required.
Environmental precautions.....	Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
Methods and materials for containment and cleaning up	Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Contaminated absorbent material may pose the same hazards as the spilled product.

SECTION 07: HANDLING AND STORAGE

Handling precautions.....	Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin or on clothing. Avoid inhalation of mists/vapours/fumes. Wash thoroughly after handling. Keep container tightly closed.
Storage needs.....	Keep in a dry, cool and well-ventilated place.
Materials to avoid.....	Keep away from oxidizing agents. Do not mix with other chemicals or cleaners.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Nonylphenol ethoxylate	not available	not available	not available	not available	not available
Isopropyl alcohol	200 ppm	400 ppm	400 ppm	500 ppm	no data available
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	no data available	no data available	no data available	no data available	no data available
Alkyl dimethyl benzyl ammonium chloride (C12-18)	no data available	no data available	no data available	no data available	no data available
Engineering controls.....	Good general ventilation (typically 10 air changes per hour) should be used. .				
Individual protection measures					
Eye/type.....	Safety glasses with side-shields.				
Gloves/ type.....	Wear chemical resistant protective gloves.				
Respiratory/type.....	Generally not required. Wear respiratory protection if ventilation is inadequate.				
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Wear clean long legged, long sleeved work clothes.				

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....	liquid.
Color.....	red.
Odour.....	pleasant.
Odour threshold.....	no data available.
pH.....	7-8.
Melting point (°C).....	not applicable.
Freezing point (°C).....	0.
Initial boiling point (°C).....	100.
Flash point (°C), Method.....	>94 CC.
Evaporation rate.....	no data available.
Upper flammability limit (% vol).....	no data available.
Lower flammability limit (% vol).....	no data available.
Vapour pressure (mm Hg).....	17.5.
Vapour density (air=1).....	> 1.
Relative density/Specific Gravity.....	1.06.
Water solubility.....	soluble.
Solubility in other solvents.....	no data available.
Partition coefficient — n-octanol/water.....	no data available.
Auto ignition temperature (°C).....	> 200 °C.
Thermal decomposition temperature.....	no data available.
Viscosity.....	thin liquid.

PRODUCT: QUAT 360 DISINFECTANT CLEANER**SECTION 10: STABILITY AND REACTIVITY**

Reactivity.....	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability.....	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions.....	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid.....	Do not mix with other chemicals. Keep away from incompatibles such as oxidizing agents .
Incompatible materials.....	Acids, strong oxidizing agents, anionic surfactants. Strong oxidizing agents.
Hazardous decomposition products.....	Toxic gases/fumes may be given off during burning or thermal decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Nonylphenol ethoxylate	not available	1310 mg/kg (oral-rat); 2,000 mg/kg (dermal-rabbit)
Isopropyl alcohol	41.7 mg/l (Inhl. rat, 4h)	4,720 mg/kg (oral,rat); 12,890 mg/kg (dermal, rabbit)
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	0.054-0.51 mg/l mist (Inhalation-rat, 4h)	275 mg/kg (oral, rat); >2,000 mg/kg (dermal, rabbit)
Alkyl dimethyl benzyl ammonium chloride (C12-18)	0.054-0.51 mg/l mist (Inhalation-rat, 4h)	>2,000 mg/kg (oral, rat); 275 mg/kg (dermal-rabbit)
Routes of exposure		
Inhalation.....	Inhalation of vapours may cause irritation to the nose, throat and respiratory tract.	
Ingestion.....	May cause irritation of the stomach.	
Skin contact.....	Contact may cause irritation.	
Eye contact.....	Contact may cause irritation.	
Acute effects		
Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.	
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.	
Acute inhalation toxicity.....	Acute toxicity estimate : > 5 mg/l. Test atmosphere: dust/mist. Method: calculation method. Virtually nontoxic by inhalation.	
Skin corrosion/irritation.....	Non-irritant.	
Serious eye damage/eye irritation.....	Result: Serious eye irritation.	
Respiratory or skin sensitisation.....	Non-sensitizing.	
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.	
Aspiration hazard.....	No aspiration hazard expected.	
Chronic toxicity/effects		
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.	
Carcinogenicity.....	No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.	
Reproductive toxicity.....	No known significant effects or critical hazards.	
Germ Cell Mutagenicity.....	No known significant effects or critical hazards.	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.	
Symptoms of Exposure.....	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	May cause long-term adverse effects in the aquatic environment.
Persistence and degradability.....	The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Bioaccumulative potential.....	No data available.
Mobility in soil.....	No data available.
Other adverse effects.....	No applicable information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	
Waste disposal of substance.....	Dispose of in accordance with national, state and local regulations.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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SECTION 14: TRANSPORT INFORMATION

TDG classification..... Not classified as a dangerous good under transport regulations.

SECTION 15: REGULATORY INFORMATION

WHMIS regulatory status..... This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). This product is WHMIS 2015 controlled.

SECTION 16: OTHER INFORMATION

Disclaimer..... The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Prepared by: CanChem Consultant

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