

Q-6543

SECTION 1. IDENTIFICATION

Product Identifier	Q-6543
Other Means of Identification	Liquid Disinfectant Cleaner
Other Identification	DIN 00648884
Product Family	Concentrate to be diluted
Recommended Use	Approved by Health Canada. Can be used as disinfectant in hospitals, health care facilities, institutions/industry and food processing facilities.
Restrictions on Use	For industrial/professional use only all surfaces in contact with food should be well rinsed with drinking water.
Manufacturer/Supplier Identifier	Groupe Parall Inc. 2970 Bergman Laval, Québec, H7L 3P4 Canada 450-687-6666 or/ou 1-800-661-6660 www.parall.ca
Emergency Phone No.	not available

SECTION 2. HAZARD IDENTIFICATION

Label Elements

The product is subject to the Food and Drugs Act. It is not subject to WHMIS 2015 requirements.

Precautionary Statement(s):

DANGER corrosive to the eyes. May cause skin irritation. Keep the product diluted or not far from the eyes. Avoid contact with the skin.

All surfaces in contact with the product should be thoroughly rinsed with potable water.

DO NOT MIX WITH SOAP AND / OR DETERGENTS.

KEEP OUT OF REACH OF CHILDREN.

For more information see the product label.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	3.5	none	n-Alkyl (5%C12,30%C16, 5%C18) dimethyl benzyl ammonium chlorides

Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	68956-79-6	3.5	none	n-Alkyl (68%C12,32%C14) dimethyl ethylbenzyl ammonium chlorides
Alcohols, C12-15, ethoxylated	68131-39-5	1-5	none	none
Sodium carbonate	497-19-8	1-5	none	none

Notes

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Skin Contact

Rinse thoroughly with water.

Eye Contact

Rinse thoroughly with water. Call a doctor.

Ingestion

Drink a lot of water or milk. Do not induce vomiting unless otherwise advised. Immediate medical attention is required.

First-aid Comments

For the medical consultation, bring with you the product label (product name and DIN number) during your visit.

Immediate Medical Attention and Special Treatment

Target Organs

No further relevant information available.

Special Instructions

Note to the attending physician:

Probable mucosal lesions may contraindicate stomach lavage. It may be necessary to take action against circulatory chokes, respiratory depression or convulsions.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide, dry chemical powder.

Unsuitable Extinguishing Media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the Product

The product is not flammable.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

No further information are available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of split/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed

in sections 7 and 8.

Environmental Precautions

It is good practice to prevent releases into the environment. Notify local authorities if significant leaks can not be contained.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Rinse with water. Ventilate well.

Other Information

None other.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling. General Hygiene: When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Take off all contaminated clothing and wash it before reuse. Keep the container tightly closed. Avoid inhaling vapours or fumes from this product.

Conditions for Safe Storage

Store at 4°C to 32°C. Provide adequate ventilation in storage area. Protect from freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term TWA [C]
Alcohols, C12-15, ethoxylated	Not established	Not established	Not established			

Appropriate Engineering Controls

Provide eyewash and safety shower if contact or splash hazard exists.
General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible. If eye contact is possible, safety glasses with side shields should be worn.

Skin Protection

Wear chemical resistant gloves.
Glove resistant to chemicals. The glove supplier may recommend appropriate gloves.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Violet. Particle Size: Not applicable
Odour	Citrus
Odour Threshold	Not available
pH	10.5
Melting Point/Freezing Point	Not applicable (melting); Not available (freezing)

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Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	1.041
Solubility	Miscible in any proportion in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Bulk Density	Not applicable
Surface Tension	Not available
Critical Temperature	Not applicable
Electrical Conductivity	Not available
Vapour Pressure at 50 deg C	Not applicable
Saturated Vapour Concentration	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

High temperature and freezing can compromise the integrity or efficiency of the product.

Incompatible Materials

Oxidizing agents (e.g. peroxides). Anionic surfactant.

Not corrosive to metals.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

The product is subject to the Food and Drugs Act and is not subject to the requirements of WHMIS 2015.

Likely Routes of Exposure

Skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)

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Sodium carbonate	2300 mg/m3 (male rat) (2-hour exposure)	4090 mg/kg (rat)	Not available
Alcohols, C12-15, ethoxylated	Not available	> 5000 mg/kg (rat)	> 2000 mg/kg (rat)
Alkyl dimethyl benzyl ammonium chloride (C12-18)		650 mg/kg (rat)	

Inhalation ATEmix = 76666 mg/L (4-hour exposure) (vapour)

Oral ATEmix = 15294 mg/kg

Dermal ATEmix = 95238 mg/kg

Skin Corrosion/Irritation

Direct skin contact may cause irritation.

Serious Eye Damage/Irritation

Causes serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

Ingestion causes acute irritation and burns to the mucous membranes of the mouth, trachea, esophagus and stomach.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information available.

Respiratory and/or Skin Sensitization

No information available.

Carcinogenicity

No information was located.

Reproductive Toxicity

Development of Offspring

No information available.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

Other Information

Sources for toxicity values:

-RTECS® is provided quarterly by BIOVIA, and was last updated: March 2019.

-CHEMINFO (Toxicological information)

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

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Ecotoxicity

No information was located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Disposal:

1. Rinse the empty container thoroughly and add the rinsings to the treatment site.
2. Follow provincial instructions for any necessary additional cleaning of the container prior to disposal.
3. Make the empty container unfit for any additional use.
4. Dispose of container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and cleanup of spills, contact the provincial regulatory agency or the manufacturer.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1903	CORROSIF LIQUID DISINFECTANT N.O.S. (Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides)	8	III

Special Precautions Please note: Limited quantity 5L

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations**

This product is a sanitizer approved by Health Canada, WHMIS exempt. It was still classified according to the RPD for user needs. For more information on seeing the product label.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 2 Flammability - 0 Instability - 0

SDS Prepared By Groupe Parall Inc. Technical services

Phone No. 450-687-6666

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Key to Abbreviations

LC 50 = Létal concentration

LD 50 = Létal dose

PEL= Permissible exposure limit. (OSHA HCS limit)

TLV = Threshold Limit Value (ACGIH limit)

TWA = Time-Weighted Average

STEL [C] = Short Term Exposure Limit [ceiling]

OSHA = Occupational Safety and Health Administration (United States)

ACGIH® - American Conference of Governmental Industrial Hygienists

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AIHA® = AIHA® Guideline Foundation
HSDB® = Hazardous Substances Data Bank
IARC = International Agency for Research on Cancer
NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program
RTECS® = Registry of Toxic Effects of Chemical Substances
CNESST = Committee on Standards, Equity, Health and Safety at Work (Quebec)

References

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). CNESST site: www.csst.qc.ca/en/prevention/reptox manufacturer datasheets.

Disclaimer

The information in this safety data sheet are, to our knowledge, according to our information and belief, accurate at the date of publication. This information is provided as a guide for the safe handling, use, processing, storage, transportation, disposal and disposal of the product, and should not be considered as any guarantee or quality standard. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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