

## Safety Data Sheet

### Ato-Quat

Revision Date: 06 October 2020

Version: 3.0

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## Section 1. Chemical Product Identification

**Product Name:** Ato-Quat (DIN 02243658)  
**Product Code:** 6504  
**Recommended Use:** Concentrated foaming, neutral hard surface disinfectant for health care facilities and food processing plants. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.  
**Supplier:** Rockwater Professional Products. 5 Panther Place. St. John's, NL. A1N 5B7  
**Emergency Number:** CANUTEC (24 Hour): 613-996-6666

## Section 2. Hazards Identification

**Signal Word:**  
DANGER

**GHS Classification:**

Skin corrosive/ irritation

Category 1

Serious eye damage/ eye irritation

Category 1



**Hazard Statements:**

H314 – Causes severe skin burns and eye damage.

H318 – Causes serious eye damage.

**Precautionary Statements (Prevention):**

P260 – Do not breathe dust/fume/gas/mist/vapours/spray.

P264 – Wash face, hands, and any exposed skin thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements (Response):**

P301 + P330 + P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 – Wash contaminated clothing before reuse.

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310 – Immediately call a POISON CENTER or doctor/physician.

P321 – Specific treatment (see Section 4. First-Aid Measures on this label).

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Precautionary Statements (Storage):**

P405 – Store locked up.

**Precautionary Statements (Disposal):**

P501 – Dispose of contents/container to an approved waste disposal plant according to provincial/federal regulations.

**Other Hazards:**

Harmful to aquatic life with long lasting effects.

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### Section 3. Composition/Information on Ingredients

Chemical Name	CAS No.	Weight-%
N-Alkyl dimethyl benzyl ammonium chloride	68424-85-1	1-15%

\*\* Chemical Weight-% is listed as range due to batch-to-batch variability.

### Section 4. First-Aid Measures

#### General advice:

Remove contaminated clothing. Have an up to date version of this SDS to present to the physician.

#### If in eyes:

Wash affected eye(s) for at least 15 minutes under running water with eyelids held open. Remove contact lenses, if present and easy to do. If irritation persists, seek medical advice/attention.

#### If on skin:

Remove/take off immediately all contaminated clothing. Rinse skin/shower with plenty of water. If irritation develops, seek medical advice/attention.

#### If swallowed:

Immediately rinse mouth, do not induce vomiting, seek medical advice/attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

#### If inhaled:

Keep patient calm, remove to fresh air. Immediately call a POISON CENTER or doctor/physician. Assist in breathing by a trained personnel if necessary.

#### Most important symptoms and effects, both acute and delayed

May cause skin irritation, redness, and severe skin burns. Direct eye contact may cause stinging, tearing and redness. May cause irritation to the mucous membranes and upper respiratory tract. Ingestion may cause nausea and headache.

#### Note to physician (Treatment)

Treat symptomatically.

### Section 5. Fire-Fighting Measures

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

None known.

#### Specific hazards arising from the chemical or mixture

Toxic fumes may be given off when material is exposed to fire.

#### Protective equipment and advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### Section 6. Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, skin, or clothing. Use personal protective equipment.

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### Environmental precautions

Do not discharge into drains, surface waters, or groundwater.

### Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

## Section 7. Handling and Storage

### Precautions for safe handling

Keep out of the reach of children. Avoid contact with eyes, skin, or clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature. Keep container closed when not in use. Do not contaminate water, food, or feed by storage or disposal.

Incompatible materials: Chlorine bleach, anionic detergents, strong oxidizing agents, strong reducing agents.

## Section 8. Exposure Controls/Personal Protection

### Exposure guidelines

No exposure limits noted for ingredient(s)

### Appropriate engineering controls

Provide adequate ventilation, especially in confined areas. Eyewash stations. Showers.

### Personal protective equipment

#### Eye/Face protection:

Wear approved safety goggles where a splash hazard exists.

#### Skin/Body protection:

No body protection required if used for intended purpose and satisfying generally accepted industrial hygiene rules.

#### Respiratory protection:

Ensure adequate ventilation, especially in confined areas.

#### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

## Section 9. Physical and Chemical Properties

Physical state:	Liquid
Appearance:	Clear
Colour:	Colourless
Odour:	Fragrant
Odour threshold:	No information available
pH:	7±0.5
Melting point/Freezing point:	Not determined
Boiling point/Boiling range:	100 °C
Flash point:	Not determined
Evaporation rate:	1:1 (water)
Flammability (solid, gas):	N/A (liquid)
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable

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Vapour pressure:	Not determined
Vapour density:	Not determined
Specific gravity:	1±0.025
Water solubility:	Complete
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Autoignition temperature:	Not determined
Decomposition temperature:	Not determined
Kinematic viscosity:	Not determined
Dynamic viscosity:	Not determined
Explosive properties:	No information available
Oxidizing properties:	No information available

## Section 10. Stability and Reactivity

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Keep out of reach of children. Store away from incompatible materials.

### Incompatible materials

Chlorine bleach, anionic detergents, strong oxidizing agents, strong reducing agents.

### Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases or vapours.

## Section 11. Toxicological Information

### Primary routes of exposure

Routes of entry for liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for vapour/mist include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
N-Alkyl dimethyl benzyl ammonium chloride 68424-85-1	426 mg/kg ( rat )	-	-

#### Irritation/corrosion

Ingestion may cause irritation of the gastrointestinal tract. Contact with liquid or vapour/mist may irritate the eyes, skin, and respiratory tract.

#### Sensitization

No sensitizing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Chronic Toxicity/Effects

#### Carcinogenicity

None of the ingredients contain any carcinogens or potential carcinogens as listed by OSHA, IARC, ACGIH, or NTP.

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### Symptoms of Exposure

(Further) symptoms and/or effects are not known so far.

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## Section 12. Ecological Information

### Toxicity

No data available.

### Aquatic toxicity to algae, plants, fish, invertebrates

Harmful to aquatic life with long lasting effects.

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Persistence and degradability

No data available.

### Biodegradation

No data available.

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## Section 13. Disposal Considerations

### Waste disposal of material

Dispose of waste material in compliance with provincial/federal regulations. Do not discharge into drains, surface waters, or groundwater.

### Container disposal

Dispose of in compliance with provincial/federal regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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## Section 14. Transportation

### TDG classification

Not classified as a dangerous good under TDG regulations

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## Section 15. Regulatory Information

### OSHA/WHMIS 2015 classification

Causes severe skin burns and eye damage.

Serious eye damage/ eye irritation

### Canadian Domestic Substance List (DSL)

All ingredients are listed.

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### Section 16. Other Information

**SDS prepared by:**

Rockwater Professional Products, Chemical Department (D.E.K)

**Preparation date:**

07 May 2019

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END OF SAFETY DATA SHEET.