



VIRKILL

GQ DISINFECTANT

Abbey Animal Health Pty Ltd

SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: 16 Voyager Circuit, Glendenning NSW 2761

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

PRODUCT NAME

VIRKILL GQ DISINFECTANT

PRODUCT USE

For sanitizing poultry sheds, animal pens and farming equipment.

Section 2- Hazards Identification

Statement of Hazardous Nature

This product is classified as: Classified as hazardous according to the criteria of SWA.

ADG Classification: Dangerous Good according to Australian Dangerous Goods (ADG) Code criteria when transported by road or rail. Refer to Section 14.

GHS Signal word: **DANGER**

GHS Classification:

Acute toxicity (Oral) - Category 4

Skin corrosion/irritation- Category 1B

Serious eye damage/irritation- Category 1

Respiratory sensitization- Category 1

Skin sensitization- Category 1

Pictograms



HAZARD STATEMENT:

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

PREVENTION

P260: Do not breathe dusts or mists.

P261: Avoid breathing dust/fume/ gas/mist/ vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

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

RESPONSE

P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor/ physician if you feel unwell.

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.

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

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

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

P330: Rinse mouth.

P363: Wash contaminated clothing before reuse.

STORAGE

P405: Store locked up.

DISPOSAL

P501: Dispose of contents and containers as specified on the registered label.

Section 3- Composition / Information on Ingredients

INGREDIENTS:

Chemical name	CAS No.	Conc., (%)
Glutaraldehyde	111-30-8	10 - 30
Benzalkonium chloride	68424-85-1	5 - 10
Non-hazardous ingredients	Secret	Secret

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

Swallowed: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin: Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Eye: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Inhaled: Remove to fresh air. Treat symptomatically. Get medical attention.

Personal protection for first-aid responders: If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Advice to doctor: Treat symptomatically.

Section 5- Fire Fighting Measures

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

Unsuitable extinguishing media: None known.

Specific hazards during firefighting: Exposure to decomposition products may be a hazard to health.

Hazardous combustion products: Decomposition products may include the following materials:
Carbon oxides

Special protective equipment for firefighters: Use personal protective equipment.

Specific extinguishing methods: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section 6 - Accidental Release Measures

Emergency Procedures: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Do not allow contact with soil, surface or ground water.

Method of Containment and Clean up Procedures: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Section 7 - Handling and Storage

Handling: Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing.

Storage: Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (ppm, mg/m³)	STEL (mg/m³)
Glutaraldehyde	0.1 ppm, 0.41 mg/m ³	not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Respiratory Protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Eye Protection: Wear chemical splash goggles. Face-shield

Skin Protection: Personal protective equipment comprising suitable protective gloves, safety goggles and protective clothing. Chemical resistant apron.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Section 9 - Physical and Chemical Properties

Physical Description & colour: Liquid.

Odour: Hydrocarbon-like/ odourless at dilution.

Boiling Point: No data.

Freezing/Melting Point: No specific data.

Vapour Pressure: No data.

Vapour Density: No data.

Specific Gravity: No data.

Water Solubility: No data.

pH: No data.

Volatility: No data.

Odour Threshold: No data.

Evaporation Rate: No data.

Coeff Oil/water Distribution: No data

Autoignition temp: No data.

Section 10 - Stability and Reactivity

Chemical stability: Stable under normal conditions.

Possibility of hazardous Reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: None known.

Incompatible materials: None known.

Hazardous decomposition products: Decomposition products may include the following materials: Carbon oxides

Section 11 - Toxicological Information

Information on likely routes of Exposure: Inhalation, Eye contact, Skin contact exposure.

Potential Health Effects

Eyes: Causes serious eye damage. Redness, Pain, Corrosion

Skin: Causes severe skin burns. May cause allergic skin reaction. Redness, Pain, Irritation, Corrosion, Allergic reactions.

Ingestion: Harmful if swallowed. Causes digestive tract burns. Corrosion, Abdominal pain.

Inhalation: May cause allergic respiratory reaction. May cause nose, throat, and lung irritation. Respiratory irritation, Cough, May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Acute Toxicity

Acute oral toxicity: Acute toxicity estimate: 781.96 mg/kg

Acute inhalation toxicity: 4 h Acute toxicity estimate: 0.44 mg/l

Acute dermal toxicity: Acute toxicity estimate: > 2,000 mg/kg

Section 12 - Ecological Information

Ecotoxicity

Environmental Effects: This product has no known ecotoxicological effects.

Components

Toxicity to daphnia and other aquatic invertebrates:

Glutaraldehyde 48 h EC50 Daphnia: 0.35 mg/l

Benzalkonium chloride 48 h EC50: 0.0059 mg/L

Persistence and degradability: no data available.

Bioaccumulative potential: no data available.

Mobility in soil: no data available.

Other adverse effects: no data available.

Section 13 - Disposal Considerations

Disposal

Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Spent Dip Disposal: Waste disinfectant from security wheel and foot baths should be contained and removed to an approved waste management facility or specified disposal pit and buried at least 500mm below the surface.

Section 14 - Transport Information

ADG

UN number: 1760

UN proper shipping name: CORROSIVE LIQUID, TOXIC, N.O.S. (Glutaraldehyde, quaternary ammonium compound)

Transport hazard class(es): 8

Packing group: III

Environmental hazards: No

Hazchem Code: 2X

IMDG/IMO

UN number: 1760

UN proper shipping name: CORROSIVE LIQUID, N.O.S.

Class: 8

Packing group: III

Marine pollutant: No



Section 15 - Regulatory Information

Poisons Schedule: 6

APVMA Approval Number: 88542

Approved pack size: 5L, 10L, 20L, 25L and 205L

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720

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First Effective Date: 20th January 2023

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This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

***Note: This SDS is valid for 5 years from the effective date.**