

SAFETY DATA SHEET

Section 1: Identification of the Material and Supplier

Product name: ELECTRO-SHIELD HAND SANITISER

Other names: Organic Hand Sanitiser, Hand Sanitiser Alcohol free, Hand Sanitiser AF

Recommended use: Hand Sanitizing Lotion

Restrictions on use: This is a personal care, sanitizing product that is safe for consumers and other users under normal and reasonably foreseeable use.

Suppliers: Kleenhealth Australia Pty Ltd

Street address: 18/51 Kalman Drive Boronia Victoria 3155

Telephone: +61 3 9720 9999

Email: info@kleenhealth.com.au

POISON INFORMATION CENTRE: 13 11 26 Anywhere in Australia

Section 2: Hazard Identification

Hazardous classification:

Not **classified** as **HAZARDOUS**, according to the criteria of Work Safe Australia (WSA)

Not classified as Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code)

SUSMP

Classification: NA

ADG Classification: NA

UN number: N/A

HAZARD STATEMENT:

PREVENTION:

RESPONSE:

STORAGE:

P411 Store at temperature not exceeding 25C

P402 Store in a dry place

P404 Store in closed container.

DISPOSAL

P501 If they cannot be recycled dispose of contents to an approved waste disposal plant, and container to landfill

EMERGENCY OVERVIEW**Physical description and colour:**

Slightly viscous liquid

Odour: Characteristic odour - sweetish

Major Health Hazards:

Irritating to eyes.

Carcinogenic status:

No significant constituent is classified as carcinogenic.

Section 3 Composition/information of ingredients

Chemical entity	CAS #	Conc.	TWA (mg/m3)	STEL (mg/m3)
QUAT Compound BAK	68424-85-1	<3.0%	Not set	Not set

Other non-hazardous ingredients Commercial secret

This is a commercial product whose exact ratio of constituents may vary slightly. Minor quantities of non-hazardous constituents may also vary slightly.

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 First Aid Measures

General Information:

You should call the Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. 13 11 26 anywhere in Australia Have this SDS with you when calling.

Swallowed:

Get medical attention immediately. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Eyes:

Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. In case of contact with eyes, flush eyes with plenty of water for at least 30 minutes.

Skin:

This is a personal care, sanitizing product that is safe for consumers and other users under normal and reasonably foreseeable use. Should irritation occur wash with soap and water:

Inhaled:

This is a personal care, sanitizing product that is safe for consumers and other users under normal and reasonably foreseeable use. Should breathing difficulties occur remove victim to fresh air and keep at rest in a position comfortable for breathing.

Advice to Doctor:

Treat symptomatically.

5. Firefighting measures

Fire and Explosion Hazards:

This product is non-combustible product. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media:

Try to contain spills, minimise spillage entering drains or water courses.

Fire Fighting:

If a significant quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Flash point:	>100°C,
Upper Flammability Limit:	No data.
Lower Flammability Limit:	No data.
Auto-ignition temperature:	No data.
Flammability Class:	Non flammable

6. Accidental release measures

Accidental release:

In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the clean-up area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8). Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7. Handling and storage

Handling:

This is a personal care, sanitizing product that is safe for consumers and other users under normal and reasonably foreseeable use.

It is essential that those who come into contact with the product maintain a good standard of personal hygiene: ie. Washing hands prior to eating, drinking, smoking or going to the toilet.

The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage:

Note that this product is non-combustible. Store packages of this product in a cool place. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

8. Exposure controls and 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.

This is a personal care, sanitizing product that is safe for consumers and other users under normal and reasonably foreseeable use.

Ventilation:

Eye Protection:

Skin Protection:

Respirator:

9. Identification

PHYSICAL DESCRIPTION /CHEMICAL PROPERTIES

Appearance: Slightly viscous liquid

pH: 6.0 – 7.5

Boiling Point: 100C

Freezing/Melting Point:

Vapour Density (air=1)

Vapour Pressure (mg Hg @ 20C)

Solubility in Water: Miscible in water

Specific Gravity

Flash Point:

Flammability Limits (%):

Auto-Ignition Temperature:

Percent Volatiles:

10. Stability and reactivity

Reactivity:

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid:

This product should be kept in a cool place, preferably below 25°C. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities:

strong acids, strong bases, strong oxidising agents.

Fire Decomposition:

Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water.

Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation:

This product will not undergo polymerisation reactions.

Materials to Avoid:

Strong acids, strong bases, strong oxidising agents.

11. Toxicological information**Local effects:****Target organs:**

There is no data to date indicating targeting specific organs.

12. Ecological information**Effects on aquatic organisms:**

Product may be toxic to aquatic organisms. Is biodegradable.

Benzalkonium Chloride **EC50** (48hours) *Daphnia Magna* = 0.016mg/L

13. Disposal considerations**Disposal:**

Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site. DO NOT dispose into sewers or waterways.

14. Transport information

Not Classified as Dangerous Goods according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

UN Number:

D/G Class:

Packing Group:

HazChem Code:

15. REGULATORY INFORMATION

Poison Schedule:

All of the significant ingredients in this formulation are compliant with NICNAS regulations.

All of the significant ingredients in this formulation are mentioned in the SUSMP.

16. Other information

Date of preparation:	April 22 nd 2020
Issue date:	April 23 rd 2020
Supersedes:	All Previous Versions
Reason for update	New Formulation

The information sourced for the preparation of this document was correct and complete at the time of writing, to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its intended use, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this product.