

Safety Data Sheet

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LU782 Cleaner Concentrate

1. Identification. LU782QB & QY Cleaner Concentrate, Liquid Disinfectant Hospital Grade.

GHS Product identifier LU782Q Cleaner Concentrate, Disinfectant Hospital Grade
Other Names # 782Q (Manufacturer's Code)
Company Name Luna Solutions Pty. Ltd.
Address 117 Lewis Road, WANTIRNA SOUTH, VIC 3152
Telephone (0418) 396308
Fax Number (Retired)
Contact David Penaluna
Recommended use *General Purpose Cleaner. Approval for use: Australian Government. Department of Health. Therapeutic Goods Association. ARTG No. 308321. Disinfectant Hospital Grade. 2 wt % quaternary ammonium compound as the active ingredient. Intended use in food preparation areas, spa, hair, beauty and accommodation sectors as a spray and wipe cleaner concentrate, disinfectant.*

2. Hazard Identification

Statement of Hazardous Nature

Hazardous according to the criteria of Safe Work Australia.
NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code version 7.

GHS Signal Word (s) **WARNING**

Hazard Statement(s) H315 Causes skin irritation.
H320 Causes eye irritation.

GHS Pictogram (s)



Precautionary statement(s)

Prevention P233+P234: Keep only in original container. Keep container tightly closed.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response P353 Rinse skin or shower with water.
P301+P330+P338: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+P351+P338: IF IIN EYES: Rinse with water for several minutes.
Remove contact lenses, if present, and continue rinsing.
P332+P313: If skin irritation occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.
P391: Collect spillage in absorbent.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

Storage None Allocated.

Disposal None Allocated.

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3. Composition/Information on Ingredients

Chemical characterization Aqueous blend of surfactants, alkali salts and quaternary ammonium compounds.

Hazardous ingredients

<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
Butyl Glycol Ether	111-76-2	LOW	Xi	R36/38
Quaternary Ammonium Compounds	107028-70-6	V LOW	Xi	R36/38
Potassium Hydroxide	1310-58-3	V LOW	Xi	R36/38

KEY: Proportion, (wt %) V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1

4. First Aid Measures

Ingestion:	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
Skin:	Wash off with soap and plenty of water.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities	Maintain eyewash and safety shower in work area.
Advice to Doctor	Treat symptomatically.
Other Information	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26 and New Zealand 0800 764 766) or a doctor.

5. Fire Fighting Measures

Suitable extinguishing media	Use extinguishing media most appropriate for the surrounding fire such as water, foam or dry agent (carbon dioxide, dry chemical powder). If safe to do so, move undamaged containers from the fire area. If a significant quantity (>200L) of this product is involved in a fire, call the fire brigade.
Specific hazards arising from the chemical	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating.
Precautions in connection with fire	Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

6. Accidental Release Measures

Personal Precautions	Use personal protective equipment. Avoid breathing mist . Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods- Small Spillages	Minor spills do not require special clean up measures or emergency procedures. Wear recommended personal protective equipment outlined in Section 8 when containing any spillage.
Large Spillages	Seek expert advice on handling and disposal.
Environmental	

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Precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

7. Handling and Storage

Precautions for Safe Handling Product is safe to handle under normal conditions of use.

Conditions for safe storage Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be resealed and kept upright to prevent leakage.

Incompatible products None known

Incompatible materials None known

8. Exposure Controls/Personal Protection

SWA exposure limits

<u>Name</u>	<u>STEL</u> (mg/m ³)	<u>TWA</u> (mg/m ³)
Butyl Glycol Ether	242	96.6
Quaternary Ammonium Compounds	Not Set	Not Set
Potassium Hydroxide	-	2

STEL - Short Term Exposure Limit, TWA – Time Weighted Average

Appropriate engineering controls In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

Personal Protective Equipment Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.

Respiratory Protection Usually, no respirator is necessary when using this product.

Eye Protection The use of safety glasses with side shield protection is recommended when using this product. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

Hand Protection Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Hand protection should comply with AS 2161,

Footwear Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

Hygiene Measures Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

9. Physical and Chemical Properties

Appearance QB. Thin, clear, blue-coloured liquid. QY Thin, clear, yellow-coloured liquid.

Odour QB. Scented (eucalyptus) QY. Non Scented.

Melting Point ~0 °C

Boiling Point ~ 100 °C

Flash point Not applicable

Vapour Pressure Not determined

Solubility Miscible with water in all proportions.

Specific Gravity 1.0 g/cm³ @ 20 °C

pH 11.0 to 11.5 (as supplied)

Viscosity Not determined

Percent volatile > 90 %

Flammability Non flammable

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10. Stability and reactivity

Chemical stability	Stable under normal conditions of use.
Conditions to avoid	No special conditions. Refer to storage conditions in Section 7.
Incompatible materials	None known.
Hazardous decomposition products	Carbon monoxide, carbon dioxide and possibly oxides of nitrogen.
Hazardous reactions	None.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Local Effects	Irritant: eye, skin.
Target Organs	Eyes and skin.

12. Ecological Information

Ecotoxicity	Data from 50% quaternary ammonium compound: Fish Toxicity (<i>Zebra Fish</i>): LC50, 1-10 mg/L % Biological elimination: 35-70% [Method: OECD 302B]
Persistence and degradability	Biodegradable.

13. Disposal Considerations

Disposal	The small quantities contained in wash solutions can be handled by conventional sewage, septic and grey water systems. To dispose of large quantities of undiluted product, refer to State Land Waste Management Authority. Containers should be emptied as completely as practical before disposal.
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14. Transport information

ADG Code	This product is NOT a Dangerous Good. No special transport conditions are necessary.
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15. Regulatory information

AICS	All ingredients listed in the Australian Inventory of Chemical Substances (AICS)
GHS Classification	Skin Irritation Category 2 Eye Irritation Category 2
SUSMP	None allocated
ADG Code	None allocated

16. Other Information

Date of preparation or last revision of SDS	1 st June, 2018
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THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THIS PRODUCT AND HOW TO SAFELY USE THIS 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 SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.