





Safety Data Sheet

SECTION 1: Identification of the Material and Supplier

Product Name: **Aussan L44**
Recommended Use: Disinfectant
Company Name: AWS Group Ltd
Address: 43 Maurice Rd, Auckland, New Zealand
Phone: +64 9 622 4601
Emergency Phone: **CHEMCALL 0800 243 622**
New Zealand Poisons Centre 0800 764 766 (24 hrs)

Section 2: Hazards Identification

Hazardous Status: Classified as hazardous according to the criteria of HSNO.			
DG Status: Not Classified as Dangerous Goods according to NZS5433			
HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
6.3A	Skin corrosion/irritation, Cat 2	H315 Causes skin irritation	
8.3A	Serious eye damage/irritation, Cat 1	H318 Causes serious eye damage.	
Signal Word:		DANGER	
PREVENTION STATEMENTS			
P102	Keep out of reach of children.		
P103	Read label before use.		
P260	Do not breathe mist/vapours/spray.		
P264	Wash thoroughly after handling.		
P280	Wear protective gloves/protective clothing/eye protection/face protection.		
RESPONSE STATEMENTS			
P101	If medical advice is needed, have product container or label at hand.		
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 to fresh air and keep at rest in a position comfortable for breathing.		
P310	Immediately call a POISON CENTER or doctor/physician.		
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.		
STORAGE STATEMENTS			

P405	Store locked up.
DISPOSAL STATEMENTS	
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

Section 3: Composition/Information on Ingredients

Ingredients	CAS No	Wt.%
Water	7732-18-5	50-60
Blend of C8-C12 Organic Acids: (Proprietary)	Mixture	10-30
Orange Peel Bitter Extract	72968-50-4	20-30

Ingredients deemed to be not hazardous in this product: <0.3%

Section 4: First Aid Measures

Eyes:	Severely irritating to eyes, flush immediately with plenty of water. Removal contact lens and continue flushing for 15 minutes. Obtain medical assistance immediately.
Skin:	Wash with large volume water. If clothes are wet, remove and clean or dispose. If irritation continues seek medical advice.
Inhaled:	Not usual but if subjected to vapour and any symptoms persist seek medical advice.
Swallowed:	Do not induce vomiting. Drink 2 glasses of water. If symptoms persist call NZ Poisons Centre

Advice to Doctors: Treat Symptomatically

Section 5: Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. 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. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: When fighting fires involving significant quantities of this product, no special equipment is believed to be necessary.

Flash point:

Will not burn until water component is driven off.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Does not burn.

Flammability Class: Does not burn.

Section 6: Accidental Release Measures

Accidental release: Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup 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.

Section 7: Handling & Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. 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: Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers of this product in a well-ventilated area. Protect this product from light. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Section 8 Exposure Control / 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 (mg/m³) STEL (mg/m³)

Exposure limits have not been established by SWA for any of the significant ingredients in this product. 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.

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: You should avoid contact even with mild skin irritants. Therefore, you should wear suitable impervious elbow-length gloves and facial protection when handling this product for lengthy periods. See below for suitable material types.

Protective Material Types: There is no data that enables us to recommend any type except that it should be impermeable.

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 & Chemical Properties

Appearance:	Brown viscous liquid
Odour:	Mild sour odour
pH:	3.4 – 3.6
Melting Point:	N/A
Boiling Point:	N/A
Flash Point:	N/A
Flammability:	N/A
Vapour Pressure	2.37 kPa @ 20°C
Vapour Density:	N/A
Specific Gravity:	1.15
Solubility in Water;	100%
Partition coefficient:	N/A
Ignition Temp:	N/A
Decomposition Temp:	N/A
Viscosity:	N/A

Section 10: Stability & Activity

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 30°C. Keep containers tightly closed. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Protect this product from light.

Incompatibilities: strong bases.

Fire Decomposition: This product is likely to decompose only after heating to dryness, followed by further strong heating. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. 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 polymerization reactions.

Section 11: Toxicological Information

Original data obtained from raw material SDSs/CCID. Mixture rules applied	
Acute Oral Toxicity	Not Classified
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Skin Irritancy/Corrosion	Causes severe skin burns.
Eye Irritancy/Corrosion	Causes serious eye damage
Respiratory Sensitisation	Not Classified
Skin Sensitisation	Not Classified
Mutagenic	Not Classified
Carcinogenic	Not Classified
Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
STOT-RE	Not Classified
Toxicity Data	
Product Acute Toxicity Estimate	
Oral LD50	>5000 mg/kg
Dermal LD50	>5000 mg/kg
Inhalation LC50 (dust/mist)	>5 mg/L/4H

Section 12 Ecological Information

This product is not classified as Ecotoxic according to the criteria of HSNO.

Toxicity: Data not available

Persistence & Degradability: The detergents and solvents used are classified under EU 6428/2004 as readily biodegradable

Mobility: Data not available.

Bio-accumulative Potential: Not bio-accumulative

Section 13: Disposal Considerations

Minor spills can be disposed of (after neutralization) through town wastewater systems were permitted for industrial use.

Major spills that have been collected by absorbents or machine should be disposed of by authorized experts in line with local regulations

Section 14: Transport Information

**Not regulated for transport of dangerous goods: UN, IATA, IMDG.
Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.**

UN Number:	N/A
Proper Shipping Name:	N/A
Class:	N/A
Packing Group:	N/A
Hazchem:	N/A
Marine Pollutant	N/A

Section 15: Regulatory Information

Group Standard:	HSR002530 Cleaning Products – Subsidiary Hazard
Other Approvals:	MPI approved C31, C39, C41 (all animal product except dairy)
HSNO CONTROLS	
SDS required when any quantity is present in a workplace.	
Emergency Response Plan and Secondary Containment required when >10,000L is present in a workplace	
Corrosive Signage required when >1000L is stored.	
Certified Handler	Not Required
Tracking	Not Required
All ingredients are on the New Zealand Inventory of Chemicals (NZIoC) or exempt.	
Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.	

Section 16: Other Information

HSNO = Hazardous Substances and New Organisms Act.
EPA = Environmental Protection Authority
CCID = Chemical Classification and Information Database (EPA)
NZ WES = New Zealand Work Exposure Standard
TWA = Time Weighted Average
STEL = Short Term Exposure Limit
CAS = Chemical Abstract Service

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Version 2

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