

Safety Data Sheet:

SECTION 1: Identification of the Material and Supplier

Product Name: ANK Neutral Anolyte
Recommended Use: Disinfectant and Sanitiser
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

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 | | |
| 9.1D | Aquatic Toxicity (Acute) Cat 3 | H402 Harmful to aquatic life. (Designed for biocidal action) | N/A |
| Signal Word: | | Warning | |
| PREVENTION STATEMENTS | | | |
| P103 | Read label before use. | | |
| P273 | Avoid Release to the environment | | |
| RESPONSE STATEMENTS N/A | | | |
| STORAGE STATEMENTS - N/A | | | |
| DISPOSAL STATEMENTS | | | |
| P501 | Do not let this product enter the environment. Do not dispose of in waterways. See local council for disposal/recycling information. | | |

Section 3: Composition/Information on Ingredients

| Ingredient | CAS Number | % w/w |
|-------------------|------------|-------|
| Hypochlorous Acid | 7790-922-3 | <0.1 |
| Water | 7732-18-5 | 99.69 |

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 attention immediately.
Skin: Where irritation occurs was with warm water and soap

Inhaled: Remove immediately to fresh air. If dizziness and nausea persist seek medical attention

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

The product is non-flammable, combustible or reactive to water. If containers are exposed to fire, remove if possible or keep cool with water spray.

Section 6: Accidental Release Measures

Personal Precautions: None

Environmental Precautions: Avoid release to waterways

Spillage: Wipe with disposal towels – there are no disposal instructions

Section 7: Handling & Storage

Handling: In the area where the solution is being produced there must be good ventilation. Preferably local exhaust ventilation. For those with very sensitive skin it may be advisable to wear gloves.

Storage: Store in a cool dry ventilated area in sealed plastic containers and ensure the solution is correctly labelled

Section 8 Exposure Control / Personal Protection

Exposure Standards: No data

Engineering control procedures: Where the solution is being generated on site some engineering solutions should be implemented to prevent the build up of fumes particularly where productions facility has inadequate ventilation. Mechanical fume extraction may be advised in this situation.

Documented process, safety controls and personnel protection where necessary, gloves, mask etc.

Respiratory Protection: Where there is a high risk to fumes build up due to inadequate ventilation in a processing area a respirator should be worn.

Hand protection: Where service personnel have sensitive skin the strongest solution may cause irritation and therefore protective gloves should be worn.

Eye and facial protection: Wear safety glasses/goggles if handling large quantities.

Body protection: Normal industrial work wears to avoid exposed skin when handling neat strong solution.

Section 9: Physical & Chemical Properties

Appearance: Clear Liquid
Odour: Characteristic
pH: 6.50 – 7.50
Melting Point: N/A
Boiling Point: N/A

Flash Point: N/A
Flammability: N/A
Vapour Pressure app. 2,330 Pa (steam)
Vapour Density: N/A
Specific Gravity: 1.00
Solubility in Water; 100%
Partition coefficient: N/A
Ignition Temp: N/A
Decomposition Temp: N/A
Viscosity: N/A

Section 10: Stability & Activity

Chemical Stability: Stable under normal handling and storage conditions

Hazardous Decomposition Products: None

Hazardous Reactions: Not subject to hazardous polymerization.

Avoid freezing, excessive heat and rapid changes in temperature

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 skin irritation. |
| 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 classified as Ecotoxic according to the criteria of HSNO.
 Toxicity: Destroys bacteria, viruses, spores and algae
 Persistence & Degradability: Biodegradable
 Mobility: Data not available.
 Bioaccumulative Potential: Not bioaccumulative

Section 13: Disposal Considerations

Dispose of in accordance with local regulations.

Section 14: Transport Information

UN Number: N/A
Dangerous Goods Class: N/A
Hazchem Code: N/A
Packaging Group: N/A

Classified as non-hazardous for land transport in New Zealand

Section 15: Regulatory Information

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Group Standard: | HSR002552: Cosmetic Products HSR002503 Additives, Process Chemicals & Raw Materials-sub subsidiary Hazard HSR002530 Cleaning Products-Subsidiary Hazard HSR002684 Water Treatment Chemicals-Subsidiary Hazard |
| Other Approvals: | MP! Approvals C23, C43, C51, C64, C101 (All animal products except dairy) |
| HSNO CONTROLS | |
| SDS required when any quantity is present in a workplace. | |
| Emergency Response Plan and Secondary Containment required when >1000L 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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