

21/03/2022 reference H4637

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To whom it may concern,

Zoono Z-71 Surface Protectant

- Product description: surface coating anti-microbial
- Product use: food areas non-contact

"Passed AsureQuality assessment for food/ beverage/ dairy farm & factory food areas, non-contact with food contact surfaces, & any incidental contact/ exposed contact surfaces rinsed & let dry" H4637 with conditions.

The assessment was prepared by Global Proficiency Ltd using HACCP principles to determine equivalence with food standards listed below. See <http://assessedproducts.asurequality.com>. This supports food Risk Management Programmes & other endorsements that may apply to this product include MPI regulated farm dairy approval, MPI dairy factory endorsement, MPI regulated non-dairy animal product approvals, EPA HSNO-OSH-environment approval (& previously AQIS).

Conditions:

- Used per instructions, legislation and GMP for food areas, non-contact with food contact surfaces, & any incidental contact/ exposed contact surfaces rinsed & let dry). Usage and carry-over to food should be avoided to ensure food function or composition are not affected, that residues are within limits and that food legislation requirements are met.
- The assessment is subject to notification of change and expires on 21/03/2027
- The full report is attached for supplier review and verification. The assessment is activated by countersigning & inclusion of assessment precautions / assessment statement / MPI dairy precautions statement & this does not allow use of the word approval or of the AsureQuality logo

Prepared by Global Proficiency for AsureQuality Ltd by Bob Hutchinson PhD Snr Dev Sci



Supplier:..... Date:.....

Scope and purpose of the assessment:

- Asurequality assessment is a non-regulated, voluntary, and evidential certification by the supplier demonstrating equivalence with food safety standards, and that product instructions address hazards for staff & equipment. The assessment is independently confirmed, without prejudice or guarantee, using information submitted by the supplier or from other sources. Confidentiality of the product formulation is maintained using coded material identifiers in the report, and appendices containing confidential information are provided only to the supplier.
- Scope of checks (Food Standards Australia NZ, NICNAS AICS, US FDA 21 & 40 CFR/ NSF, Food Chemicals Codex, EPA NZ EU, French culinary listings, WHO or MPI, or related data for equivalent safety). Background (Accord, Animal Products Act, Risk Management Programmes. Detergent & Sanitiser Manufacturer's Code of Practice, Detergent & Sanitiser Standards and Analytical Methods. Quality Manual - Assessment Procedures

Summary of assessment with risks highlighted:

- Information status & prior registrations (Passed new AsureQuality Assessment (links earlier. MPI animal product non-dairy approved C41 approx. contact surfaces rinse before production). MPI Dairy Approved & Recognised (surface sanitiser food areas contact). EPA USA labels re active coat below).
- Food safety/toxicity per (1) non-incident contact, (2) ingredients listed below refer to food / safety listings similar to above (+EPA - FSANZ). (3) purity for active inferred from EPA labels registrations. (4) carryover to food is nil - 1000x less than indirect contact per farm model below).
- QA (n/a for non-contact or similar).
- QC specs (Chemistry safety is as above and microbiological safety is per sanitiser action per EPA USA labels and updating tests).
- Instructions
 - Label (Zoono Z-71 forms a long-lasting anti-microbial coating that bonds to surfaces and protects against a variety of pathogens, including H1N1, Norovirus, Ecoli, MRSA, 7 Salmonella as well as mould, fungi, & algae. For use in hospitality, healthcare, commercial kitchens, education, livestock, business, residential water treatment and laundry. Active ingredient Quaternary ammonium compound CAS 27668-52-6 <1%. Directions (clean & dry surfaces prior to application: apply to surfaces as a Spray entire surface or spray onto microfibre cloth & apply evenly making sure it is completely covered. Allow to dry (maybe 10 minutes at ambient). Re-apply weekly or monthly as required). Storage (5-40C). Caution (External use only. If swallowed call doctor. May cause mild skin or eye irritation with First Aid detailed). European Standards (EN13697, EN14348, EN13623, EN 14476, EN13727, BSI PAS:2424, BSI PAS:2430). Zoono etc).
 - Zoono back label (MPI animal product non-dairy approved C41 approx. contact surfaces rinse before production). MPI Dairy Approved & Recognised (surface sanitiser food areas contact).
 - SDS (Unfound, suggest add with EPA NZ HSNO No). SDS (same formula? Zoono Z-71 Microbe Shield. Hazards (non-hazardous. preventions listed). Composition (QAC CAS 68424-85-1 0.5-1% & other non-Hazardous ingredients TWA & STEL all not set). Properties (pH 4.5-5.5 etc). Toxicology partial (short term transient discomfort. target organs & long term no data & no carcinogen). Regulatory (all ingredients on AICS).
- Unwanted effects (Per instructions -label & SDS, EPA NZ HSNO. Production side effects inferred ok per non-incident contact).
- Hygiene efficacy (per EPA USA labels and updating tests here).