

28/05/2019 (amended 10/03/2021) reference H2358

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To whom it may concern,  
**Opal Ethasan**

- Product description: sanitiser, hand treatment, hard surface sanitiser, Ethanol.
- Product use: food areas, food contact surfaces,

**"Passed AsureQuality assessment for food/ beverage/ dairy factory food areas, food contact surfaces with residue removed" H2358 with conditions.** This 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, & GMP, for food areas, food contact surfaces, with residue removed. Residues are drained and evaporated, with any ponding also mopped to remove all residue. Use / carry-over to food should be minimised to ensure food function or composition are not affected, that residues are within applicable Maximum Residue Limits and that food legislation requirements are met.
- The assessment is subject to notification of change and expires on 25/06/2024.
- The full report is attached for supplier review and verification. The assessment is activated by countersigning.

Prepared by Global Proficiency for AsureQuality Ltd by  
Bob Hutchinson PhD SENIOR DEVELOPMENT SCIENTIST

*Bob Hutchinson*

Supplier: *[Signature]*

Date: *12/3/21*

**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 also 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: NZ checks (FSANZ, US FDA 21 CFR/ NSF, Food Chemicals Codex, EPA NZ, EU, French culinary listings or related data for equivalent safety). NZ background (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:**

- Prior listings (Renewed AsureQuality Food beverage dairy listing at 5 years. MPI Approved C43 (all animal product except dairy), MPI recognised for use in dairy processing. EPANZ HSR002528 and all components on NZIoC etc).
- Food safety (is per low - indirect contact & positive listings within the grouping NICNAS AICS. FSANZ, US FDA 21 & 40 CFR/ NSF, Food Chemicals Codex, EPA NZ, EU, French culinary listings, WHO or MPI, or related data for equivalent safety). Purity (per equivalence to FCC / FSANZ allowing for low contact). Added alcohol supplier & denaturant options 11/03/2021.
- QA (unfound & unrequired for non-CIP use).
- QC specs (Has chemical safety via raw materials, Has micro safety by sanitising effect).
- Instructions –
  - Label (Ethasan Evaporating Sanitiser Warning. Flammable. Ethasan is an ethanol based sanitising compound for use on hard surfaces as a mid-shift evaporating disinfectant in high-risk food manufacturing environments or in moisture sensitive areas. Ethasan is non-scented, non-thickened with over 99.999% reduction of common pathogenic bacteria within 60 seconds. MPI Approved C43 (all animal product except dairy), MPI recognised for use in dairy processing. Emergency contact. UN 1770. Ethanol solution. Group standard Cleaning Products Flammable. Hazard statements (Flammable liquid & vapour. Causes serious eye irritation). Lists for Precautions, First Aid, Directions for use (Spray evenly onto surface with low pressure sprayer or via a trigger spray bottle. Surfaces must be rinsed before production starts as per conditions of a C43 approval. When used as a dairy maintenance compound Ethasan must be allowed to completely evaporate from food contact surfaces before further processing). Important (disclaimers). Bulletin previously (Similar plus also says Opal Ethasan alcohol based sanitiser, for use on hands as a mid-shift evaporating disinfectant in high risk food manufacturing environments or in moisture sensitive areas - apply desired amount onto washed dry hands and rub together until dry with no water rinse necessary. Hard surfaces similar to label. C54 hand sanitising, C43 fish non-rinsed & fish rinsed).
  - SDS (ID lists (Hygiene Technologies & Ethasan IDs). Hazards (HSNO Hazardous HSR002528 Cleaning products flammable group Warning hazards 3.1C - Flammable liquids, 6.4A substances irritating to eyes. GHS Hazard listings, Preventions. Responses. Dangerous Goods class 3). Composition (Ethanol CAS 64-17-5 60-70% and ingredients to balance). Lists for First