

Global Proficiency Ltd agent for AsureQuality Ltd, Ruakura Research Centre, Hamilton East, P O Box 20474 Hamilton, New Zealand 3241 Ph +64 7 850 4483 (Fax +64 7 850 4487 - not to be advertised in future) [www.global-proficiency.com](http://www.global-proficiency.com) <http://assessedproducts.asurequality.com/>  
Email: <[bob.hutchinson@global-proficiency.com](mailto:bob.hutchinson@global-proficiency.com)>  
05/09/2012 (v 28/02/07), ref h2025 (cross-ref n/a), factory, non-regulated, renew at 05/09/2017 & at any change.

Address: Ecolab, 6 Daniel Place, Hamilton. Postal 6 Hudson Ave, Castle Hill, NSW 2154, Australia, Ph 61 2 9680 5495, fax 61 2 9680 1643. Contact Richard Wallis, [richard.wallis@ecolab.com](mailto:richard.wallis@ecolab.com) or David Egan, [david.egan@ecolab.com](mailto:david.egan@ecolab.com).


To whom it may concern,

### VK2 Fogging Solution

- "Which is: fog carrier (for Pulsefog thermal fogging machines),
- "For use for: factory food areas non-contact, contact surfaces residue minimised & any significant residue rinsed (cat A),
- Status: passed assessment factory, review, \$240 (previous version 200)+ GST, rejh #400107 O/N ....(organic, gmo etc status n/a). Previous condition: for use according to the instructions details with non-contact and food contact surfaces rinsed and area ventilated & re the active material applied with this carrier. Noted NZFSA approved type C101 17 used in accordance with the following special conditions: 1 VK2 is a fogging agent that may be used in all areas as a carrier for approved compounds. 2 Before use all food and packaging material must be removed from the room. 3 After use food areas must be thoroughly ventilated and food contact surfaces rinsed with potable water. 4 A copy of this letter must be available to the inspector of the premises. Applies to all animal product except dairy).

**"Passed AsureQuality assessment for food/beverage/dairy factory food areas non-contact" h2025 with conditions & refer <http://assessedproducts.asurequality.com> (This assessment was prepared by Global Proficiency Ltd. Other endorsements that may apply to this product include NZFSA regulated farm dairy approval, NZFSA dairy factory endorsement, NZFSA regulated non-dairy animal product approvals, & ERMA HSNO-OSH-environment approval, & previously AQIS).**

- General conditions: substance may be used on non-operational product contact surfaces and non-operational air/ducts/vents provided no residues remain. Substance shall have no direct contact with dairy or food products. After use, food areas must be adequately ventilated. Food contact surfaces should be rinsed with potable water before use or sufficient withholding time given to allow residues to decay/escape or shall require surfaces to be rinsed with potable water to remove any residues. Any products mixed with VK2 will modify the above in accordance with the approvals for those products.
- Special conditions: Ecolab modified rinse statements, replaced GP-AQ statement with the Ecolab reported FSANZ Dairy statement. Ecolab please advise regarding rinse and calculation of this and pesticide carry-over.
- Assessment conditions: Subject to notification of change, review within 5 years, inclusion of the approval statement level of contact, and activation by (counter)-signing

Prepared by Global Proficiency for AsureQuality Ltd... 

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

### Flags & references & approximate summary of instructions.

- **Formulation 100% approx composition & instructions** (NB PG vapour pressure may be ca 0.1 mm/ambient & evaporation 0.01x rate for butyl acetate). Generally the levels are << from other sources and general defaults so the concern is with the active that is dispersed with the fog (and decay rate of even pyrethrin may not be immediate).
- **Instructions approx. abbreviated Label** (Warning keep out of reach of children. Ecolab VK2. Contains polypropylene glycol >50%. Evaporation retarding fogging solution. VK2 is a food grade fogging solution for the effective application and dispersal of many sanitisers and pesticides primarily with Pulsfog thermal fogging and ULV machines. DIRECTIONS FOR USE: Food processing and storage areas – 0.5 - 1 litre VK2 per 1000m<sup>3</sup> of air space Before use all food and food contact packaging must be removed or adequately protected. Evacuate area and place warning signs at entry points before commencing application. Leave closed for at least 2 hours then ventilate for 1hour or as necessary to ensure work exposure standards are not exceeded after re-entry. Cautionary notes: Hazards causes mild skin irritation, & harmful to aquatics)
- **MSDS** (Similar plus exposure controls nil. Physical & chemical pH 7. Toxicological data Acute not significant for inhalation or skin, ingestion harmful may cause nausea, headache & vomiting. Slightly irritation to the eye. No significant acute similar to hazard list plus chronic toxicity: no known significant effects or critical hazards for mutagenicity, teratogenicity, developmental effects, fertility effects and suspected of causing cancer depending on level & duration of exposure. HSNO detail).
- **QA** (SGS AS/NZS ISO 9001 sighted ok).
- **QC specs** (per QA, raw purity, & lowered water activity of concentrate only).
- **Side effects** (HSNO per MSDS & ERMANSZ system. Production side effects ok per food listings, non-contact & ok per Ecolab). **Hygiene efficacy** (Is according to the original approval per formulation and 5 years use).