To whom it may concern

**Biff Ant**

- Product description: pesticide insecticide ant killer, liquid (Bifenthrin)
- Product use: for food premise's control of ants - as listed in instructions

**Passed AsureQuality assessment for food/beverage/dairy factory non-contact - used outside of food areas. H3548** 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/](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 (and previously AQIS).

**Conditions:**

- Use per manufacturer's instructions so as to prevent food risks from pests & pesticide.
- Used outside of food areas.
- There to be no potential contact - with food, food contact surfaces, vents or packaging. The product is to be used according to Manufacturer's Instructions, Good Manufacturing Practice (GMP), and applicable legislation.
- The assessment is subject to notification of change (e.g. in formulation, raw materials or instructions) and expires on 29/08/2020.
- The full report is attached for supplier review and verification. The assessment is activated by countersigning.

Prepared by Global Proficiency for AsureQuality Ltd...

Supplier: __________________________________________ Date: 28/09/2015

**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.

**Summary of assessment with risks highlighted:**

- Prior information/registrations (MPI non-dairy approval unfound. New AsureQuality assessment type B/C).
- Food safety/toxicity (by non-contact with fair safety factors not calculated vs. residue toxicity/ MRLs).
- QA (unfound unfound for non-contact).
- QC specs (Unfound. Unrequired for non-contact). Micro safety by preservative, non-contact, should prepared fresh plus from regular inspection).
- Labell (Biff Ant. Danger keep out of reach of children. Eco-toxic. Shake well. A residual insecticide for the exterior control of ants around dwellings, industrial sites, & public areas including roadside curbing & footpaths. Suitable for use on all surfaces including lawns, gardens, bark, soil, concrete, asphalt & exterior walls. Notice on prior reading of instructions. Must be handled by an approved handle if for dispersive or commercial application. Toxicity warning may be harmful if swallowed or inhaled. Repeat minor exposures may have a cumulative effect. Do not inhale vapour. Do not eat, drink or smoke while using. Disclose & wash immediately after handling and before meals and after work. Wash contaminated clothing before re-use. May cause organ damage from repeat or high doses. May cause serious eye damage and mild skin irritation. Eco-toxicity: very toxic... Directions for use - non-repellent residual barrier for a variety of ants. For outdoor etc. as above for up to 8 weeks depending on the surface treated). Argentine & Darwin ants 75 ml/5L Spray trials > & entire infested area. Ensure 5L with 100,000 sq. m of surface & maximum 75 ml/100 sq. m. Ensure sprayer is residue free e.g. with turpentine or kerosene rinse. Do not apply on external surfaces where food for human consumption is being produced. Not for agricultural use. UN3002, Environmentally hazardous liquid NOS. PGII) MSDS (its similar and adds PELs and LD50 oral mouse 551 mg/kg, dermal no data. LC50 inhalation rat 1.9 mg/kg. Chronic central nervous system effects,. skin defiling and persons with conditions limit/avoid product contact).
- MSDS (Found & provides additional hazard and composition detail, PELs (no WES, TEK or EEL set by EPA). Properties SG 1.03-1.06, pH 5±5.5. Toxicological acute data similar to above. Adds to chronic effects as central nervous system effects re tremors, un-coordination and disorientation. Others are feeding LD50 oral mouse 140 mg/kg, beta cyfluthrin 35 mg/kg mouse, alpha cypermethrin 146 mg/kg rat, acephamid 636 mg/kg of product estimated. LD50 dermal estimated 5000 mg/kg. LC50 inhalation 0.1 mg/L rat for Bexacyfluethrin and 2.6 mg/L product estimated.
- Unwanted effects (HSNO. refer EPA NZ system scope & registration number HSRR007916 & see label & MSDS. Production side effects ok by non-contact).
- Hygiene efficacy (by reviews and prior registrations of main active/s)

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