

15/10/2019 reference H4237

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To whom it may concern,
Universal Cleaning Cloth

- Product description: cleaning cloth
- Used for: cleaning in & around food areas

"Passed AsureQuality assessment for food/beverage/dairy factory food area non-food contact or taint or hand contact" H4237 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 non-food contact or taint or hand contact. NSF 150555 20/10/2014 accepts use in inedible product processing areas and or exterior areas of food processing establishments C1 provided that it is not used to mask odours resulting from unsanitary conditions, and that any characteristic odour or fragrance does not penetrate into an edible food area. When used on equipment that will be used on equipment that will be returned to a food processing area, the product must be completely washed off & rinsed with potable water before returning to the food processing area. Limitations - NSF International has not evaluated this product for use on hands.
- The assessment is subject to notification of change and expires on 15/10/2024.
- The assessment is activated by countersigning & inclusion of assessment precautions / assessment statement / MPI dairy statement

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



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 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 registrations etc (New AsureQuality Assessment. NSF certified non-food compounds C1 150555).
- Food safety (Ingredient ID safe per non-contact & NSF clearance & ingredients of interest listed in SDS & compared with food & cosmetic requirements). Purity n/a for non-contact. Carryover n/a for non-contact).
- QA (ISO 9000 series etc n/a for non-contact).
- QC (Chemistry refer to food safety above plus microbiology is per non-contact).
- Instructions –
 - TDS / catalogue (For cleaning most surfaces without need for water, soap or brush. NSF certified. Removes extremely heavy contamination such as oils, greases, adhesive, paints, tar & lubricants. Cleans hands. Re-usable. NSF certified nofood compounds C1 150555. Application - remove damp cloth from package and remove dirt from surfaces - not for cleaning visors... etc).
 - SDS (Wurth UNIVERSAL CLEANING CLOTH 90 PCS This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Hazards GHS Serious eye damage/eye irritation: 1, Skin sensitisation: Skin Sens.1. Hazard pictograms: Danger: H317 May cause an allergic skin reaction. H318 Causes serious eye damage Ingredients -D-Glucopyranose, Oligomeric, C8-10 Glycosides 68515-73-1 >= 1 - < 3% (R)-p-mentha-1,8-diene 5989-27-5 >= 1 - < 10% Glucopyranose, oligomeric C10-16 glycosides 110615-47-9 >= 1 - < 3 Contains no substances with occupational exposure limit values. Toxicology listed for ingredients & chronic data incomplete. HSNO HSR002552 Cosmetic Products Group Standard 2017 Certified handler certificate not required. HSW tracking not required. NZIoC: All ingredients listed or exempt.
- Unwanted effects (per SDS of finished product & HSNO classification & ingredient NZIoC & AICS listings & caution vs hand contact). Production side effects (per care vs terpenoid potential taint).
- Efficacy (incomplete but supported by NSF listing and the partial formulation)

Evaluation: Note that Standards vs. submission-responses yield compliance status in each of the sections below.

Nature of information

0 Standard: Assurance information is to be evidential/cross-registered/or ex accredited bodies (and approvals may need levels of independence for toxicity and efficacy).

- Prior registrations etc (New AsureQuality Assessment. NSF certified nofood compounds C1 150555).

1 Standard:

Raw materials are to be identified safe: traceably identified, non-toxic, and pure - depending on the level of contact. Raw materials are to be safe at residue levels with safety factors (simplified here eg per cross-registration of USFDA 21 CFR/ ANZF/ EU etc registrations factored for likely equivalence and recognising high 1.5 L milk consumption would have been required by FDA etc – refers to supplier confidential appendix but with identifiers excluded

Response

<p>(Wurth NZ Ltd) Universal Cleaning Cloth H4237 15-10-2019</p>	<p>Registrations column. Scope: NZ checks (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). 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</p>	<p>Purity column Scope: Purity column raw purities to be per FSANZ purity wanted (as ingredient etc) FCC7 2010-2011 with GMP indicators & FSANZ also (require Pb<2, As<1, Heavy metals <40 mg/kg). Purity column.</p>
<p>Formulation 100%</p>	<p>TDS / catalogue (For cleaning most surfaces without need for water, soap or brush. NSF certified. Removes extremely heavy contamination such as oils, greases, adhesive, paints, tar & lubricants. Cleans hands. Re-usable. NSF certified nofood compounds C1 150555. Application - remove damp cloth from package and remove dirt from surfaces - not for cleaning visors.... etc)</p>	<p>SDS (Wurth UNIVERSAL CLEANING CLOTH 90 PCS This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Hazards GHS Serious eye damage/eye irritation: 1, Skin sensitisation: Skin Sens.1. Hazard pictograms: Danger: H317 May cause an allergic skin reaction. H318 Causes serious eye damage Ingredients - D-Glucopyranose, Oligomeric, C8-10 Glycosides 68515-73-1 >= 1 - < 3% (R)-p-mentha-1,8-diene 5989-27-5 >= 1 - < 10% Glucopyranose, oligomeric C10-16 glycosides 110615-47-9 >= 1 - < 3 Contains no substances with occupational exposure limit values. Toxicology listed for ingredients & chronic data incomplete. HSNO HSR002552 Cosmetic Products Group Standard 2017 Certified handler certificate not required. HSW tracking not required. NZIoC: All ingredients listed or exempt.</p>
<p>HACCP Review - for all aspects other than instructions</p>	<p>Prior registrations etc (New AsureQuality Assessment. NSF certified nofood compounds C1 150555). Food safety (Ingredient ID safe per non-contact & NSF clearance & ingredients of interest listed in SDS & compared with food & cosmetic requirements). Purity n/a for non-contact. Carryover n/a for non-contact). QA (ISO 9000 series etc n/a for non-contact). QC (Chemistry refer to food safety above plus microbiology is per non-contact)</p>	<p>Unwanted effects (per SDS of finished product & HSNO classification & ingredient NZIoC & AICS listings & caution vs hand contact). Production side effects (per care vs terpenoid potential taint). Efficacy (incomplete but supported by NSF listing and the partial formulation)</p>
<p>Similar Alkylpolyglycosides d-Glucopyranose, oligomeric, decyl octyl glycosides CAS 68515-73-1 1% Raw 1 Surfactant</p>	<p>Food listing unfound but similar found had NICNAS AICS (returned human health tier 1 no 2nd notification required). NZIoC HSR00xxxx found. FSANZ Food Standards Code (1.3.3 Processing aids permits substances listed "generally" (includes food additives listed in schedule 2 of standard 1.3.1 found #1200 poly-dextroses, #1400 dextrans white and yellow, roasted starch, (ex microbial action on starch etc.), #460 cellulose, #461 methylcellulose, #464 hydroxypropylmethylcellulose, #465 methylethylcellulose. USA EPA 40 CFR 180.940 listed limit none. USAFDA21CFR172.841 polydextrose in baked goods etc and limited to 15g/serving. meth, antifoams, catalysts....11 permitted processing aids used in packaged water and in water used as an ingredient in other foods. CFR184.1277, 186.1275, as binder for baked goods GRAS with GMPUSAFDA21CFR1788.1010 sanitisers drained and not necessarily rinsed includes poly-ethers with short to long chain alkylation</p>	<p>Alkyl (C10-16) poly-glycosides; exemptions from the requirement for a tolerance EPA federal register...when used as an inert ingredient in or on growing crops, when applied to raw agricultural commodities after harvest or to animals - eliminates the need to establish a maximum permissible level for residues of...(these). MSDS only found with a toxicity acute and carcinogenicity and teratogenicity not known (????). The surfactant used in Quantum XL is classified as free-rinsing due to its high HLB, thus it should be readily rinsed with cold water. HLB of APG 0810 is 15 – 16 as shown below. FIL attached surfactant physical properties & we also found a review that this class surfactant was free rinsing. Purity wanted (per column header & FCC listing unfound). Purity found (BASF 69/68-72%, water 31.2/28-32%, pH 7.4/6.0-9.0)</p>
<p>(R)-p-mentha-1,8-diene 5989-27-5 >= 1 - < 10% similar Limonene D CAS 5989-27-5 from- Raw 2 Terpene</p>	<p>EPA NZ Cosmetics list < 0.001% non-rinsed & <0.01% rinsed. AICS wants 2nd notification. EPA NZ NZIoC HSR002725 Limonene & terpineol USFDA21CFR 182.60 etc as direct flavour w/o excess, other components unfound. NICNAS AICS Listings Hazard means secondary notification applies. EPA NZ HSR00xxxx. Recorded as irritant avoid contact/gloves and oxidation CAS 5989-27-5, 5989-54-8, 139-86-3). FSANZ Food Standards Code direct food ingredient not quickly found. Similarly 21CFR 182.60 - direct ingredient not in excess for effect. Over 90% exposure is by flavouring & acute & repeat air limits may be 4500 & 450 microg/m3. d-Limonene, a major constituent of citrus oils, is a monoterpene widely used as a flavour/fragrance additive in cosmetics, foods, and industrial solvents as it possesses a pleasant lemon-like odour. Pub Med d-Limonene has been designated as a chemical with low toxicity based upon lethal</p>	<p>Although high doses have been shown to cause renal cancer in male rats,[21] limonene is considered by some researchers to be a potential chemo-preventive agent [22] with value as a dietary anti-cancer tool in humans.[23] There is no evidence for carcinogenicity or genotoxicity in humans. The IARC classifies d-limonene as a Group 3 carcinogen: not classifiable as to its carcinogenicity to humans.[20][24] NICNAS AICS Listings Hazard means secondary notification applies. EPA NZ HSR00xxxx. Recorded as irritant avoid contact/gloves and oxidation CAS 5989-27-5, 5989-54-8, 139-86-3). FSANZ Food Standards Code direct food ingredient not quickly found. Similarly 21CFR 182.60 - direct ingredient not in excess for effect. Over 90% exposure is by flavouring & acute & repeat air limits may be 4500 & 450 microg/m3. d-Limonene, a major constituent of citrus oils, is a</p>

	<p>dose (LD50) and repeated-dose toxicity studies when administered orally to animals. Food listing/non-toxicity: food listed 21CFR182.60 direct flavouring substance and FSANZ allows permitted synthetic flavourings. Safety Limonene and its oxidation products are skin and respiratory irritants, and limonene-1,2-oxide (formed by aerial oxidation) is a known skin sensitizer. Most reported cases of irritation have involved long-term industrial exposure to the pure compound, e.g., during degreasing or the preparation of paints. However, a study of patients presenting dermatitis showed that 3% were sensitized to limonene.[20].</p>	<p>monoterpene widely used as a flavor/fragrance additive in cosmetics, foods, and industrial solvents as it possesses a pleasant lemon-like odor. Abbreviated Lim abstract from Pub Med d-Limonene has been designated as a chemical with low toxicity based upon lethal dose (LD50) and repeated-dose toxicity studies when administered orally to animals. Purity found (Not found or required and previous supply has included other terpene as well)</p>
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Confidential information appendix n/a as only formula is from public SDS

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Dear Justin May,

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Hamilton

Please find attached your assessment report for any questions, suggestions or if we can help further in any way. The invoice and later the web listing should follow.

Universal Cleaning Cloth

- Product description: cleaning cloth
- Used for: cleaning in & around food areas
- Status: passed assessment factory new & cost \$187 + GST for 1:10 hours. It cross-credited NSF150555 20/10/2014 (our report 15-10-2019)

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