

15/10/2019 reference H4238

Wurth New Zealand Limited, 42 Hobill Ave, P O Box 97070,
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280 055464 Attention Justin May (0)21 280 0554
justin.may@wurth.co.nz www.wurth.co.nz

Global Proficiency Ltd for AsureQuality Ltd,
Unit 2/25 Mareno Rd, (P O Box 1335)
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Global Proficiency Ltd for AsureQuality Ltd,
Ruakura Research Centre, 10 Bisley Road,
Enderley, Hamilton 3241, P O Box 20474
Hamilton

To whom it may concern,

Ultra 2040

- Product description: lubricant PTFE
- Used for: penetrant, water displacer & long-term lubrication of friction points

"Passed AsureQuality assessment for food/beverage/dairy factory food area non-food contact" H4238 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 with no food, packaging or taint contact.
- 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. (No contact claim, no full formula, or NSF listing)

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).
- Food safety (Ingredient ID safe per non-contact & ingredients of interest listed in SDS summary). Purity is 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 boiler use)
- Instructions –
 - TDS (Multipurpose penetrant, lubricant and water displacer containing. Amber liquid, temperatures from -20 to 140C. Lists regarding lubricant PTFE, rust penetrating, moisture displacement, corrosion protection, silicon free, shines surfaces and application areas).
 - SDS (SDS (Ultra 2040 antifriction / lubricant. GHS Flammable aerosols:Flam. Aerosol1, Gases under pressure:Liquefied gas, Skin corrosion/irritation:2, Specific target organ toxicity - single exposure STOT SE3 H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. Composition Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 >= 20 -< 30%, Isobutane 75-28-5 >= 20 -< 30%, Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane 64742-49-0 >= 20 -< 30%, Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7 >= 10 -< 30%, Propane 74-98-6 < 10%, Butane 106-97-8 < 10%, n-Hexane 110-54-3 < 3%. WES Exposure controls range from 5-1900 mg/m3. Toxicology of ingredients is listed c.f. "hazards" & chronic data incomplete availability. HSNO HSR002515 Aerosols Flammable 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). Production side effects (n/a for non-contact).
- Efficacy (lubrication is n/a for food safety)

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).

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

(Wurth NZ Ltd) Ultra 2040 H4238 15-10-2019	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	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.
HACCP & Instructions	TDS (Multipurpose penetrant, lubricant and water displacer containing. Amber liquid, temperatures from -20 to 140C. Lists regarding lubricant PTFE, rust penetrating, moisture displacement, corrosion protection, silicon free, shines surfaces and application areas).	SDS (SDS (Ultra 2040 antifriction / lubricant. GHS Flammable aerosols:Flam. Aerosol1, Gases under pressure: Liquefied gas, Skin corrosion/irritation:2, Specific target organ toxicity - single exposure STOT SE3 H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. Composition Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 >= 20 -< 30%, Isobutane 75-28-5 >= 20 -< 30%, Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane 64742-49-0 >= 20 -< 30%, Distillates (petroleum), hydrotreated heavy paraffinic 64742-54-7 >= 10 -< 30%, Propane 74-98-6 < 10%, Butane 106-97-8 < 10%, n-Hexane 110-54-3 < 3%. WES Exposure controls range from 5-1900 mg/m3. Toxicology of ingredients is listed c.f. "hazards" & chronic data incomplete availability. HSNO HSR002515 Aerosols Flammable Group Standard 2017 Certified handler certificate not required. HSW tracking not required. NZIoC - All ingredients listed or exempt).
HACCP Review - for all aspects other than instructions	Prior registrations etc (New AsureQuality Assessment). Food safety (Ingredient ID safe per non-contact & ingredients of interest listed in SDS summary) 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)	Unwanted effects (per SDS of finished product & HSNO classification & ingredient NZIoC & AICS listings). Production side effects (n/a for non-contact). Efficacy (lubrication is n/a for food safety)

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Ruakura Research Centre, 10 Bisley Road,
Enderley, Hamilton 3241, P O Box 20474
Hamilton

Dear Justin May,

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.

Ultra 2040

- Product description: lubricant PTFE
- Used for: penetrant, water displacer & long-term lubrication of friction points
- Status: passed assessment factory new & cost \$187 + GST for 1:10 hours. No NSF & reported 15-10-2019.

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