

02/11/2015 reference H3572

Global Proficiency Ltd for AsureQuality Ltd,  
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Chemz Ltd, 654 St Georges Road, RD2 Hastings (or as Pacific  
 Aerosols 11 Bowen St, Napier Contact John Berry  
 berry@chemz.co.nz

To whom it may concern,

**Chemz 64 Hi-Lo Dual Temp Grease Aerosol (Food Grade),**

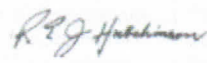
- Product description: Lubricant, food-grade (Grease)
- Product use: food area use

**Passed AsureQuality assessment for food/beverage/dairy farm & factory incidental contact H3572 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:**

- The product is a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective antirust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an antirust ... (n/a for this application).
- Maximum residues should be low per 21 CFR 178.3570 values <1 mg/kg of silicone & <10 mg/kg for hydrocarbon. For NZ dairy application we recommend maximum residues should be low e.g. <10 ppb for silicone and <100 ppb for hydrocarbon into milk.
- The assessment is subject to notification of change (e.g. in formulation, raw materials or instructions) and expires on 02/11/2020).
- 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:.....

**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:**

- Information status & prior registrations (New to AQ food/ beverage/ dairy assessment for incidental contact. "Passed MPI approval for non-dairy animal products C15 incidental contact". We also sighted purity in MSDS & regulatory summary etc. vs. specifications for Raw Materials. Also proprietary raw material is covered by its NSF registration).
- Food safety is per raw material food listings.
- QA & QC (AS/NZS ISO 9001 unrequired). QC (specs found raw material purity complies. Micro safety is per the anhydrous formulation and treatment conditions).
- Instructions:
  - Label/PIS (FG64 Food Grade Hi-Lo Grease. "MPI C15, AsureQuality, NSF H1 approved for incidental food contact". Extreme pressure food grade lubricant for numerous food industry applications from low-high temperatures -40C--+180C. It is bio-stable and does not promote growth of bacteria and mould. Low temperature includes freezing tunnels, chillers, & freezers at -40C. High temperature use in ovens & steriliser bearings +180C. Excellent EP performance & water resistance. Wide temperature range. Recommended for incidental food contact. . Directions - spray with a light even flow sufficient for technical effect and wipe/ drain so no substance remains. Propellant hydrocarbon. Warning flammable aerosol. Keep away from heat, sparks, open flames, hot surfaces + etc. Manufacturer contacts ).
  - MSDS (Classified DG per NZS 5433:207 & Hazardous per HS Regulations 2001. Flammable aerosol 2.1.2A, Substances acutely toxic 6.1E, Substances mildly irritating to skin 6.3B, eco-toxic in aquatic environment 9.1B, & Aerosols Flammable Group Standard 2006. Warning flammable aerosol . Adds - Keep out of reach of children. Read label before use. Read safety data sheet before use. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Do not spray on open flame or ignition source. Pressurised container. Do not pierce or burn even after use. Protect from sunlight. Do not expose to temperatures over 50C. Composition of ingredients. PEL data -. Toxicological data: adds detail to above.& says no long term toxicity data. Regulatory says classified hazardous per HSNO).
- Unwanted effects (Are not expected per instructions and MSDS above & per incidental contact.
- Lubrication efficacy (This is n/a here for hygiene efficacy)