

25/08/2020 reference H3573

CHEMZ LIMITED 80 RANGITANE ROAD WHAKATU
HASTINGS HAWKES BAY 4180 Phone: 06 877 9690 Contact:
Chris Simonsen info@chemz.co.nz

Global Proficiency Ltd for AsureQuality Ltd,
Unit 2/25 Mareno Rd, (P O Box 1335)
Tullamarine Vic 3043, Australia +61 3 9089
1151
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,

Chemz FG84 PTFE Dry Lube Aerosol (Food Grade)

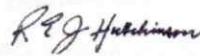
- Product description: lubricant food grade (grease PTFE)
- Product use: in and around food areas with incidental only food contact H1.

"Passed AsureQuality assessment for food / beverage /dairy farm & factory incidental contact H1" H3573 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 with incidental food contact (release agent/ lubricant/ protective film as appropriate) minimum quantity for tech. effect. Dairy transfer low <1% of 21CFR178.3570 values of hydrocarbon <10 mg/kg, silicone here <1 mg/kg
- The assessment is subject to notification of change and expires on 02/11/2025.
- The full report is attached for supplier review and verification. The assessment is activated by countersigning & inclusion of assessment precautions / assessment statement / MPI dairy statement. NSF 152127 20/10/2015 current white book & per formula.

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 - Checks (Food Std Australia-NZ, US FDA 21 CFR/ NSF, Food Chemicals Codex, NICNAS AICS, EPA NZ, EU, French culinary listings or related data for equivalent safety). Background (Aust Accord, 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 any risks highlighted:

- Information status & prior registrations (Renewed at 5 years AQ food/ beverage/ dairy assessment for incidental food contact. NSF 152127 20/10/2015. Label & formula unchanged & SDS added).
- Food safety (as limited to incidental contact and all ingredients unchanged & listed in the food/safety listings group above).
- QA (not required for this contact). QC (per food safety above & anhydrous formulation and treatment conditions)
- Instructions –
 - Label/PIS (carried forward FG84 Food Grade PTFE Dry Lube. "MPI C15, AsureQuality, NSF H1 approved for incidental food contact". Suits incidental contact. Contains PTFE based dry film lubricant and can be used where-ever oil, grease, or silicone free lubrication is required. PTFE white non-toxic odourless film has low friction and is unaffected by water, steam & most chemicals. PTFE particles is resistant to load, temperature -100 to +260C & excellent anti-static on glass, plastic, metal & release agent for nylons, polyurethanes, polypropylene, rubber, acrylics & epoxies. Directions - must be thoroughly shaken before use, until mixing balls are free. Surfaces should be dry & free of grease & dust before application. Allow solvents to evaporate before re-using parts or equipment. Test compatibility with painted and coated surfaces and rubber. Propellant hydrocarbon. Warning flammable aerosol. Keep away from heat, sparks, open flames, hot surfaces + etc. Manufacturer contacts).
 - SDS (FG84 PTFE Dry Lube Aerosol (Food Grade) Dry film PTFE lubricant. HSNO Hazardous 2.1.2! flammable aerosol, 6.3B mildly irritating to skin, 6.4A irritating to eye H22 extremely flammable aerosol, H316 causes mild skin irritation, H320 causes eye irritation. Composition 2-Propanol 10-30% TWA 983 mg/m3, STEL 1230 mg/m3, Polytetrafluoroethylene 1-10%, Hydrocarbon propellant (LPG – Propane, Butane) TWA 1800 mg/m3. Properties – flash point <0C. Toxicology oral LD50 4950 mg/kg, dermal >5000 mg/kg, inhalation ca 285 mg/L, sniffing can be harmful or fatal, mid skin irritation, no expected sensitizer, prolonged contact may cause dermatitis, & no components over 0.1% on IARC etc cancer listings. DG for transport. HSNO, HSR002515 Aerosols flammable group standard).
- Unwanted effects (are addressed in instructions, SDS & EPANZ HSNO & NZIoC etc listings).
- Efficacy (of lubrication & hygiene are separate matters)