

14/09/2020 reference H3568

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To whom it may concern,

Chemz FG04 Dry Silicone Aerosol (Food Grade) aka FG04 Dry Film Silicone Aerosol (Food Grade)

- Product description: lubricant food grade (silicone)
- 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" H3568 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 152120 white book current & 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 152120 white book current. 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 (Chemz Food Grade. Dry Film Silicone FG04 MPI C26, AsureQuality, NSF H1. An incidental contact silicone oil for all food grade applications. Leaves a thin film that dries quickly, resists dirt & dust build-up providing good water and chemical resistance. Dry non-sticking lubricant that eliminates sticking, binding, & squeaking, lubricates and protects rubber, plastic and metal parts. & does not attach engineering materials etc. Directions – ensure surfaces are clean & dry apply even coat repeating as necessary. Warning flammable etc. Keep away from children. Read label & get medical advice if needed. Certifications listed with address).
 - SDS (FG04 Dry Film Silicone Aerosol (Food Grade) Lubricant for food processing equipment. DG for transport. HSNO Hazardous HSNO 2.1.2A Flammable aerosols, 6.3B mildly irritating to skin, 6.4A irritating to skin, 6.9A toxic to human target organs or systems on repeat exposure, 9.1B substances ecotoxic to aquatic environment. Composition - Hexanes CAS 64742-49-0 >60% TWA 1200 mg/m3, STEL 1300 mg/m3, Butane 10-30% TWA 1900 no STEL, Propane 10-30% simple asphyxiant, & non-hazardous ingredients to 100%. Properties flashpoint <0C etc. Toxicology similar to hazards & LD50 unavailable. Regulatory HSR002515 Aerosols flammable group standard).
- Unwanted effects (are addressed in instructions, SDS & EPANZ HSNO & NZIoC etc listings).
- Efficacy (of lubrication & hygiene are separate matters)