

## TECHNICAL DATA SHEET



ACN 000 725 833

### **CRC Industries (Aust) Pty. Limited**

PO Box 199, Castle Hill, NSW 1765.

#### ***I. Product Description***

**CRC Food Grade Anti-Seize and Lubricating Compound** is a premium quality anti-seize compound developed specifically for use in applications where incidental food contact is possible and is composed entirely of ingredients that meet NSF H1 requirements. The aluminium complex based anti-seize protects metal parts from seizure, galling, rust, corrosion and heat freeze by tenaciously adhering to the metal surface. **Food Grade Anti-Seize and Lubricating Compound** provides a degree of safety and protection unsurpassed by any other product.

#### ***II. Applications***

Recommended for use on all types of food processing machinery to lubricate fittings, bushings, flanges, headers, nuts, screws, studs threaded surfaces, pipes, plugs and manifolds to prevent seizing and galling of surfaces.

#### ***III. Features & Benefits***

- NSF H1 Registered for use in meat and poultry plants.
- Non-staining, odourless and tasteless.
- Prevents rust and corrosion.
- High temperature resistance. Up to 1800°F.
- Facilitates fast and easy disassembly. Saves time in taking apart components.
- Contains no metals.

#### ***IV. Physical Properties***

Flash Point	>400°F (COC)
Odour	Mild
Appearance	White Paste
Vapour Density	Not Applicable
VOC Content (Fed)	Negligible
Dropping Point	450°F
Solubility	Negligible in Water
% Solids – Active	40
Specific Gravity	1.17
Temperature Range	-65°F to 1800°F
NLGI Grade	1.5

## V. Specifications and Approvals

- NSF H1 Registered, Category Code: H1 for use in meat and poultry plants.
- Conforms to MIL-PRF-907E Military Specification.

## VI. Performance Characteristics

Type of Film	White Paste
ASTM D-92 (Flash Point)	>400°F
Operating Temperature Range	Up to 1800°F
Torque Coefficient (k) on Steel Nuts & Bolts	0.10
ASTM D-56 (Dropping Point)	450°F (232°C)
ASTM D-217 (Penetration)	285-315

## VII. Directions

- Always read entire label before using product.
- For best results, clean scale and old compound from threaded surfaces.
- Note: When grinding or wire brushing use a dust mask.
- Coat Mating surfaces and assemble.
- To avoid contamination, keep container closed when not in use.
- Contains hydrocarbons. Do not use in oxygen service.

## VIII. Package Description

Part Number	Size
FGSL35905	8 oz Brush-Top Bottle

## IX. Disposal

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local and government regulations.

## X. Special Use Warnings

### General:

Use with adequate ventilation. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapour and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short and long term exposure, review this product's Safety Data Sheet.

### NSF Nonfood Compounds Registration Program

This CRC product is registered with the NSF for use in meat and poultry plants. NSF International, formerly the National Sanitation Foundation, is known for the development of standards, product testing and certification services in the area of public health safety and protection of the environment. The NSF Nonfood Compounds Registration Program replaces the program formerly administered by the United States Department of Agriculture (USDA) and discontinued in February 1998. Products eligible for NSF registration include all compounds used in food handling, processing and storage, such as disinfectants and lubricants. The NSF registration assures inspection officials and end users that registered products are safe to use in food processing environments. Refer to Safety Data Sheet for more details.

**PRODUCT WARRANTY:** CRC offers a conditional warranty on this product for the period of 5 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries (Aust.) Pty. Ltd. All products should be tested for suitability on a particular application prior to actual use. CRC Industries (Aust.) Pty. Ltd. makes no representations or warranties of any kind concerning this data.