

SYG990/FG Anti-SeizeCompound

(NSF Certified Category H1)

Product Description

SYG 990 Food Grade Anti Seize Compound is a premium Anti seize compound with PTFE. The product meets requirements of USDA H1* 21 CFR. (Registered by NSF (Class H1) for use where there is potential for incidental contact with food. These products meet the former guidelines (1998) of the US Department of Agriculture Food Safety and Inspection Service (USDA FSIS) for H1 use (lubricant with incidental food contact) and listed in Miscellaneous Publication No 1419 "List of Proprietary Substances and Nonfood Compounds". Product contains only substances permitted under US 21 CFR 178.3570, 178.3620 and 182 for use in lubricants with incidental food contact.)

APPLICATIONS

SYG 990 Food Grade Anti Seize Compound controls friction and protects against corrosion to avoid galling, pick-up and seizure of metal-to-metal surfaces such as those found in joints, threaded fasteners, fixings, screws, nuts, bolts and washers. Suitable for all metals found in the food industry, particularly in difficult applications such as stainless steel which is prone to pick-up and galling, and high temperatures as found on extruder heads or autoclaves.

Advantages

- NSF H1 Certified
- Non-Toxic, Non-Staining, Tasteless
- Waterproof- Resists washout to prolong performance
- Wide Temperature Range
- Contains PTFE
- Reduces Wear

Health & Safety

These greases are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

Available Packs: -1, 5, 18, 50 and 180 Kg.

Shelf Life: 36 Months from manufacturing Month

*All related specifications are meets or exceeds.

Due to continual product research and development, the information contained herein is subject to change without notification.

Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

Typical Properties

Properties	
Color	Milkywhite
BaseOil	Synthetic
Texture	Smooth&Tenacious
SolidLubricant	PTFE
NLGIGrade	2
WorkedPenetration,ASTMD217,	285-315
DropPoint,°C,	350
Operatingtemperature	-50to950°C



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product: Food Grade Anti Seize
Product Name SYG-990 Anti Seize Food Grade Grease

Company Identification

Petrelplus Inc.

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2. COMPOSITION:PTFE, Homogeneous (This mixture does not contain any hazardous substance)

3. HAZARD IDENTIFICATION: Under normal conditions of use, this product is not considered hazardous.

4. FIRST AID MEASURES:

Eye Exposure: Immediately flush with plenty of water until all residual material is gone. If irritation persists get medical help.

Ingestion: Not expected under normal condition. Do not induce vomiting. Wash out mouth. Contact physician immediately.

Skin Contact: Remove by wiping or with waterless hand cleaner, followed by washing with soap & water. If irritation persists get medical help.

Inhalation: Not expected under normal condition. If mists or degradation products are inhaled, remove to fresh air. Administer oxygen or artificial respiration as indicated and get immediate medical attention.

5. FIRE - FIGHTING MEASURES:

Flammability: Nil at ambient temperature

Explosion Limits: None. Flammable limits LEL: N/A, UEL: N/A

Extinguishing Media: Use dry chemicals, foam, halon, carbon dioxide, sand, earth or water mist.

Hazardous Combustion Products: Oxides of carbon, smoke and irritating vapors as products of incomplete combustion.

Protective Equipment: Self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES:

Spillage: Avoid walking through spilled material. Scoop or wipe up spilled material and place in clean container for later disposal. Thoroughly remove residue to prevent

slipping. Prevent entry into waterways and sewers. Wear appropriate protective equipment (i.e. rubber gloves, apron etc. as necessary to avoid contact).

7. HANDLING AND STORAGE:

Handling Procedures: No special handling precautions keep away from heat, sparks, flames or strong oxidizers when handling. Avoid skin and eye contact. Do not pressurize, cut, heat or weld empty containers. Storage Requirements: Store in cool, dry, well ventilated place away from ignition sources and incompatible material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Respiratory Protection: Not required under normal working condition

Eye protection: Use approved safety glasses or goggles

Skin Protection: Impervious gloves and protective clothing to prevent skin contact

Exposure Limits: This product does not contain any components which have recognized exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Color: Milky white

Base Oil: Synthetic

Solid Lubricant: PTFE

NLGI Grade: 2

Drop Point, °C: 350

Operating temperature: -50 to 950°C

10. STABILITY AND REACTIVITY:

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Will not occur.

Hazardous decomposition products: Oxides of carbon.

Irritating organic fragments.

Incompatible materials: Strong oxidizing agents. Acids and bases. Avoid contact with flammable materials.

Reactivity: Not available.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

11. TOXICOLOGICAL INFORMATION:

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.

PETRELPLUS INC.

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Skin contact: Causes skin irritation. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.

Eye contact: Causes serious eye irritation.

Ingestion: This product may be fatal if it is swallowed.

12. ECOLOGICAL INFORMATION:

Possible Effects: Highly unlikely to cause widespread contamination. Avoid Exposure to environment whenever possible.

13. DISPOSAL CONSIDERATION: Dispose of this material in accordance with local, state, and Federal regulations.

DISCLAIMER/USER'S RESPONSIBILITY: PETRELPLUS INC. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must Exercise their independent judgment in determining its appropriate use.

14. TRANSPORT INFORMATION:

This material is not classified as dangerous under general regulations.

General information: Not regulated.

UN No. : Not regulated.

ADR/RID: Not regulated.

IMO-IMDG code: Not regulated.

ICAO/IATA: Not regulated.

15. REGULATORY INFORMATION

Not classified as dangerous or hazardous.

Symbol(s): Not applicable

R Phrase(s): Not applicable

S Phrase(s): Not applicable

16. OTHER INFORMATION: PRODUCT SAFETY

For safety reasons, it is IMPERATIVE that customer: -

Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning

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