



The Ultimate Lubricant

# 99FG



Nonfood Compounds  
Category Code : H1  
Registration Number : 138826

## DESCRIPTION:

Omega 99FG Food Grade Seize-Stop is a multi-purpose, white, smooth, and non-toxic, food grade anti-seize & assembly paste that can be also used for lubricating bushes, slides and small open gears operating in the food & beverage and pharmaceutical industries and clean environments where incidental food contact is possible.

## SPECIAL FEATURES AND KEY BENEFITS:

Omega 99FG Food Grade Seize-Stop prevents seizing, galling, friction and wear on bolts, nuts, stainless steel fasteners, threaded parts and other metal-to-metal surfaces.

Omega 99FG does not contain mineral hydrocarbons, animal derived materials, nut

oils or genetically modified ingredients that are potentially hazardous to human health.

Omega 99FG performs equally well from -30°C to at least 450°C. Having such a wide range of service temperature, it performs well on parts, components, and fasteners exposed to both low and high temperature extremes in the food & beverage and pharmaceutical industries.

Omega 99FG offers the maintenance professionals of the food industry multi-purpose applications. In addition to being an excellent anti-seize and assembly agent, it can be applied to lubricate bushes, slides, and small open gears operating in the food & beverage and pharmaceutical industries because of its excellent adhesiveness and resistance against water wash off which is common in the food & beverage and pharmaceutical industries.



OMEGA 99FG is available in 500gm jar



Omega 99FG can be used on bottling/packing equipment

## SUGGESTED APPLICATIONS:

Omega 99FG is a food grade, multi-purpose anti-seize or assembly lubricant that prevents metal seizure, metal-to-metal galling, wear and friction in parts or components that may have incidental contact with food items.

Omega 99FG is applied on:

- Bolts, nuts, screws, stainless steel fasteners, press fit assemblies, bottling/packing machinery, etc in the food & beverage and pharmaceutical industries (even at elevated temperature)
- Lubricating bushes, slides, and small open gears operating in food/clean environments

## DIRECTIONS FOR USE:

- Clean the surfaces of the applied parts or components and keep them clean and dry prior to application.
- Apply a thin film of Omega 99FG manually on both surfaces of the applied parts or components



Omega 99FG can also be used on freezers and ovens

## SOME TIPS ON STORAGE:

- Storage temperature should be controlled to between 1 and 40°C
- Keep Omega 99FG away from direct sunlight)

## TYPICAL DATA:

TEST	TEST RESULT
Appearance	Smooth, white paste
Base Oil Specification	
Viscosity @ 40° C), cSt	520
Viscosity @ 100°C), cSt	45
Viscosity Index (VI)	140
Coefficient of Friction	0.11
Carrier	Synthetic lubricant
Solids	White, non-toxic solids
Temperature Range, °C	-30°C to 450°C
Pack-size	500g Jar

# SAFETY DATA SHEET



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Supersedes date: 2016-05-10  
Product No.:

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SDS-ID: GB-EN/4.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name: Omega 99FG  
Container size: 500 g, 5 kg \*\*Manufactured in UK\*\*

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Application: Lubricating grease.

### 1.3. Details of the supplier of the safety data sheet

Supplier: EU importer: Sovereign Lubricants (UK) Ltd, Crowtrees Lane,  
Rastrick, West Yorkshire, HD6 3LZ  
T: 01484 718674 - F: 01484 400164  
enquiries@sovereign-omega.co.uk  
www.sovereign-omega.co.uk

Manufacturer: ITW PP & F Korea Limited.  
13th Fl., Unit B, PAX Tower  
609 Eonju-ro, Gangnam-gu  
Seoul, Korea 06108  
Tel:+82-2-2088-3560  
Fax:+82-2-513-3567  
www.magnagroup.com

### 1.4. Emergency telephone number

Emergency telephone: NHS: 111

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP: The product is not classified.

### 2.2. Label elements

The substance/mixture does not meet the criteria for classification and labelling.

### 2.3. Other hazards

Other: Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. The harmful effects may increase in used grease.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

The product contains: synthetic oils and mineral additives . (DMSO < 3% (IP 346)

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.  
All substances in the product are either registered or exempt from registration under REACH.

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## SECTION 4: FIRST AID MEASURES

### **4.1. Description of first aid measures**

Inhalation: Move into fresh air and keep at rest. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

### **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

### **4.3. Indication of any immediate medical attention and special treatment needed**

Medical attention/treatments: Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

Extinguishing media: Small fires: Extinguish with carbon dioxide or dry powder.  
Larger fires: Extinguish with foam, carbon dioxide or dry powder.

### **5.2. Special hazards arising from the substance or mixture**

Specific hazards: During fire, gases hazardous to health may be formed.

### **5.3. Advice for firefighters**

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid contact with skin and eyes. Follow precautions for safe handling described in this safety data sheet.

### **6.2. Environmental precautions**

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

### **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up: Absorb spillage with oil-absorbing material. Clean contaminated area with oil-removing material.

### **6.4. Reference to other sections**

References: For personal protection, see section 8.  
For waste disposal, see section 13.

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## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Safe handling advice: Observe good chemical hygiene practices. Avoid prolonged and repeated contact with grease, particularly used grease. Always remove grease with soap and water or skin cleaning agent, never use organic solvents.

Technical measures: Work practice should minimise contact.

Technical precautions: When working with heated grease, mechanical ventilation may be required.

### **7.2. Conditions for safe storage, including any incompatibilities**

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container.

### **7.3. Specific end use(s)**

Specific use(s): Lubricant.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

No occupational exposure limit assigned.

### **8.2. Exposure controls**

Engineering measures: Provide adequate ventilation. When working with heated grease, mechanical ventilation may be required. Provide access to washing facilities incl. soap, skin cleanser and fatty cream.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: In case of inadequate ventilation use suitable respirator. Use respiratory equipment with particle filter, type P2.

Hand protection: Risk of contact: Wear protective gloves. Nitrile gloves are recommended. Breakthrough time: > 4h; Thickness: > 0.3 mm  
Other types of gloves can be recommended by the glove supplier.

Eye protection: Risk of contact: Wear goggles/face shield.

Hygiene measures: Wash hands after handling.

Environmental Exposure Controls: Not available.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance: Grease.  
Colour: White  
Odour: Odourless.  
pH: 7  
Flash point: > 200°C  
Relative density: 1,3  
Solubility: Insoluble in water.

### 9.2. Other information

Other data: Not available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity: Not reactive.

### 10.2. Chemical stability

Stability: Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Hazardous Reactions: None known.

### 10.4. Conditions to avoid

Conditions to avoid None specific.

### 10.5. Incompatible materials

Incompatible materials: Strong oxidizing and reducing substances.

### 10.6. Hazardous decomposition products

Hazardous decomposition products: None in particular.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### **11.1. Information on toxicological effects**

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.

Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.

Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

STOT - Single exposure: Based on available data, the classification criteria are not met.

STOT - Repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Inhalation: Inhalation of oil mist or vapours formed during heating of the product will irritate the respiratory system and provoke coughing.

Skin contact: Degreasing. Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

Eye contact: Direct contact may irritate.

Ingestion: May irritate and cause malaise.

Specific effects: Prolonged or repeated contact with used grease may cause serious skin diseases, such as dermatitis. The harmful effects may increase in used grease.

## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Ecotoxicity: Greases are generally hazardous to the environment.

### **12.2. Persistence and degradability**

Degradability: The product is expected to be slowly biodegradable.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential: No data available on bioaccumulation.

### **12.4. Mobility in soil**

Mobility: No data available.

### **12.5. Results of PBT and vPvB assessment**

PBT/vPvB: Not Classified as PBT/vPvB by current EU criteria.

### **12.6. Other adverse effects**

Other adverse effects: None known.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code: 20 01 26

## SECTION 14: TRANSPORT INFORMATION

The product is not regulated as dangerous goods under IMDG Code, IATA-DGR and ADR/RID.

### 14.1. UN number

UN-No: Not regulated.

### 14.2. UN proper shipping name

Proper Shipping Name: Not regulated.

### 14.3. Transport hazard class(es)

Class: Not regulated.

### 14.4. Packing group

PG: Not regulated.

### 14.5. Environmental hazards

Marine pollutant: Not regulated.

Environmentally Hazardous substance: Not regulated.

### 14.6. Special precautions for user

Special precautions: Not regulated.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk: Not regulated.

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## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, with amendments.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.  
The Control of Substances Hazardous to Health Regulations 2002 (S.I. 2002 No. 2677) with amendments.  
EH40/2005, Workplace exposure limits 2005, with amendments.  
The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

### 15.2. Chemical Safety Assessment

CSA status: No information available.

## SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

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Abbreviations and acronyms used in the safety data sheet: PBT = Persistent, Bioaccumulative and Toxic.  
vPvB = very Persistent and very Bioaccumulative.

Key literature references and sources for data: None.

Additional information: None.

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The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

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