



*The Ultimate Lubricant*

# 99

## **DESCRIPTION:**

Omega 99 is an acid-resistant, water-proof, alkali-proof, high heat resistant, metal preserving lubricant. It prevents metal seizure and enhances the ease with which equipment can be efficiently dismantled for maintenance purposes.

## **LONG-TERM PROTECTION:**

Omega 99 provides long-term protection that will not wash away or evaporate over extended periods.

## **RELEASE ACTION:**

Omega 99 contains active zygotes that dissolve any existing formations of corrosion and rust, leaving the metal surface as good as new. It can be used as a releasing agent for corrosively-interlocked parts, components and fasteners.

## **MICRONIZED METALS:**

Omega 99 contains highly micronized metals that fill in pitted, corroded areas. This action is not only one of protection, but also one of repair to the metal surface.

## **THREAD LUBRICANT:**

Omega 99 is also an advanced thread lubricant that forms a life-long protection shield against oxidation and its cancerous, corrosive results.

## **STRONG PHYSICAL PROPERTIES:**

Omega 99 provides long-term protection and dismantling ease because it dissolves the interlocking problems caused by oxidation. It forms a fine, tough lubricant film that shields the metal below.

Ordinary solvents used for releasing, often do considerably more damage to the parts, components and the surrounding areas, than they do releasing the interlock. Omega 99 is completely harmless and will not damage or corrode surrounds and intricate components locked into the trouble area.

## **NON-TOXIC:**

Omega 99 is non-toxic and can be used in both open and confined spaces.

## **PENETRABILITY:**

Omega 99 has unparalleled penetration capabilities. Not only does it get down under heavy corrosive areas and release interlocked parts, but it also penetrates the fine pores in the metal surfaces and lifts the secondary corrosion formations, thereby ensuring that rust is inhibited and seizure of parts is brought to a halt.

## **MAGNETIFEROUS INGREDIENTS:**

Omega 99 contains active synergistic ferrous diesentics in tandem with a chain formation from the hydrocarbonaceous material. These become highly active when brought into contact with the molecular formation of oxides (which form corrosion and rust). A rapid disintegration action takes place, whereby the oxides are rendered neutral and dissolve. This in turn forms harmless hydrogen oxides which are partly evaporated and partly floated away, leaving the metal surface sterile and free from corrosion.

### **EASE OF APPLICATION:**

Omega 99 can be used on almost all areas. It releases and protects nuts, bolts, studs, gaskets, washers, plugs, tube connections, steam pipes and fluid carriers.

### **APPLICATION:**

Ideally Omega 99 should be used on all components and parts BEFORE the cancer of rust sets in, especially on such applications as conveyers, carriers, generators, scaffolding, lift erector cranes and hoists, cable joints, studs, turbines and crankpins, bearings and tracers, cams and lifter, joints and fittings and similar corrosion-prone apparatus.

### **OPERATING TEMPERATURE RANGE:**

Omega 99 remains completely stable over an extreme temperature range of -130°C to 1093°C (or -200°F to 2000°F). This makes Omega 99 suitable for 99% of operating conditions on any type of machinery or equipment.

# SAFETY DATA SHEET



Product name: Omega 99  
Supersedes date: 2016-05-10  
Product No.:

Page: 1/9  
Last revised date: 2023-01-03  
SDS-ID: GB-EN/7.1

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

### 1.1. Product identifier

Product name: Omega 99  
Container size: 1 lb (0,45 kg) & 5 kg

### 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  
magna@magnagroup.com  
www.magnagroup.com

### 1.4. Emergency telephone number

Emergency telephone: Call a Poison Center, emergency number or doctor/physician.

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP: Not classified.

### 2.2. Label elements

The substance/mixture does not meet the criteria for classification, but the following labelling must be applied:

Safety data sheet available on request.

### 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: mineral oil and additives .

All substances in the product are either registered or exempt from registration under REACH. Only classified substances above threshold limits or substances with an exposure limit are shown.

# SAFETY DATA SHEET

Product name: Omega 99 Page: 2/9  
Supersedes date: 2016-05-10 Last revised date: 2023-01-03  
Product No.: SDS-ID: GB-EN/7.1

---

## CLP:

%:	CAS-No.:	EC No.:	REACH Reg. No.:	Chemical name:	Hazard classification:	Notes:
30-60	8032-32-4	232-453-7	01-2119474695-24-XXXX	Ligroine	Asp. Tox. 1;H304	
10-30	7782-42-5	231-955-3	01-2119486977-12-XXXX	Graphite	-	#
1-5	7440-50-8	231-159-6	01-2119480154-42-XXXX	Copper	Aquatic Acute 1;H400 Aquatic Chronic 3;H412	
1-5	7429-90-5	231-072-3	01-2119529243-45-XXXX	Aluminium		#
1-5	64742-47-8	265-149-8	01-2119484819-18-XXXX	Distillates (petroleum), hydrotreated light	Skin Irrit. 2;H315 STOT SE 3;H336 Asp. Tox. 1;H304 Aquatic Chronic 2;H411	

Notes: #: The substance has been assigned an exposure limit.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<u>Inhalation:</u>	Move into fresh air and keep at rest. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.
<u>Skin contact:</u>	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.
<u>Eye contact:</u>	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.
<u>Ingestion:</u>	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.

---

# SAFETY DATA SHEET

Product name:	Omega 99	Page:	3/9
Supersedes date:	2016-05-10	Last revised date:	2023-01-03
Product No.:		SDS-ID:	GB-EN/7.1

---

## 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.

## 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): Grease.

---

# SAFETY DATA SHEET

Product name: Omega 99 Page: 4/9  
Supersedes date: 2016-05-10 Last revised date: 2023-01-03  
Product No.: SDS-ID: GB-EN/7.1

---

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits:

<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>As:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
7782-42-5	Graphite, respirable dust	-	4 mg/m3	TWA	-	EH40
7440-50-8	Copper, dusts and mists	Cu	1 mg/m3	TWA	-	EH40
		-	2 mg/m3	STEL	15min	
7440-50-8	Copper, fume	-	0.2 mg/m3	TWA	-	EH40
7429-90-5	Aluminium metal, inhalable dust	-	10 mg/m3	TWA	-	EH40
7429-90-5	Aluminium metal, respirable dust	-	4 mg/m3	TWA	-	EH40
7782-42-5	Graphite, inhalable dust	-	10 mg/m3	TWA	-	EH40

### 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. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

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

Skin protection: No special precautions.

Hygiene measures: Wash hands after handling.

Environmental Exposure Controls: Not available.

---

# SAFETY DATA SHEET

Product name:	Omega 99	Page:	5/9
Supersedes date:	2016-05-10	Last revised date:	2023-01-03
Product No.:		SDS-ID:	GB-EN/7.1

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance: grease / copper-coloured paste

Odour: slight odour (sweetish)

pH: not relevant

Boiling point: not available

Flash point: 213 °C

Explosive limits not available

Vapour pressure: not available

Relative density: 1,31

Solubility: insoluble in water

Decomposition temperature (°C): not available

### 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 Heat, sparks, flames.

### 10.5. Incompatible materials

Incompatible materials: Strong oxidising substances, strong acids and strong bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition products: None known.

---

# SAFETY DATA SHEET

Product name:	Omega 99	Page:	6/9
Supersedes date:	2016-05-10	Last revised date:	2023-01-03
Product No.:		SDS-ID:	GB-EN/7.1

---

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

The harmful effects may increase in used grease.

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.

---



# SAFETY DATA SHEET

Product name:	Omega 99	Page:	7/9
Supersedes date:	2016-05-10	Last revised date:	2023-01-03
Product No.:		SDS-ID:	GB-EN/7.1

---

## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Ecotoxicity: Not classified as dangerous to the environment. Greases are generally hazardous to the environment.

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

Degradability: The product contains inorganic compounds which are not biodegradable. The other substances of the product are 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: This product does not contain any PBT or vPvB substances.

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

Other adverse effects: None known.

## 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: 12 01 12

---

# SAFETY DATA SHEET

Product name:	Omega 99	Page:	8/9
Supersedes date:	2016-05-10	Last revised date:	2023-01-03
Product No.:		SDS-ID:	GB-EN/7.1

---

## 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.

## 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.

---

# SAFETY DATA SHEET

Product name:	Omega 99	Page:	9/9
Supersedes date:	2016-05-10	Last revised date:	2023-01-03
Product No.:		SDS-ID:	GB-EN/7.1

---

## SECTION 16: OTHER INFORMATION

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

The following sections contain revisions or new statements:

2, 3, 8, 11, 12, 13, 15, 16.

Omega Manufacturing Division

13th floor, Unit B, PAX Tower, 609 Eonju-ro,

Gangnam-Gu, Seoul, Korea 06108

Tel : +82-2-2088-3560

Fax : +82-2-513-3567

Web site : [www.magnagroup.com](http://www.magnagroup.com)

The Omega Trade Mark is the property of ITW, Inc., and is used under license by ITW PP & F Korea Limited.

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

Additional information: Classification according to Regulation (EC) No. 1272/2008: Calculation method.

Wording of H-statements:

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

---

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.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.  
[www.dhigroup.com](http://www.dhigroup.com).