

# SAFETY DATA SHEET



Product name: OMEGA 690  
Supersedes date: 2022-02-08  
Product No.:

Page: 1/13  
Last revised date: 2023-01-24  
SDS-ID: GB-EN/10.0

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

### 1.1. Product identifier

Product name: OMEGA 690  
OMEGA 690 SAE 140  
OMEGA 690 SAE85W140  
OMEGA 690 VG 460

UFI: PVQ1-HKPQ-T00X-4P1E  
7D6Y-X2V4-AE6E-MSF1  
3PQ1-HK9X-600X-TYV9

Container size: 5 l, 20 l, 205 l

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

Application: Gear oil.

### 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: NHS: 111

# SAFETY DATA SHEET

Product name: OMEGA 690  
Supersedes date: 2022-02-08  
Product No.:

Page: 2/13  
Last revised date: 2023-01-24  
SDS-ID: GB-EN/10.0

---

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP: Skin Sens. 1;H317 - Aquatic Chronic 3;H412

### 2.2. Label elements



Warning

Contains:

Amines, C12-14-tert-alkyl

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

P261

Avoid breathing vapours/spray.

P273

Avoid release to the environment.

P280

Wear protective clothing and gloves.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P501

Dispose of contents/container in accordance with local regulations.

### 2.3. Other hazards

PBT/vPvB:

This product does not contain any PBT or vPvB substances.

Other:

Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema, skin cracking and oil acne. Degreasing to skin. The harmful effects may increase in used oil.

---

# SAFETY DATA SHEET

Product name: OMEGA 690 Page: 3/13  
Supersedes date: 2022-02-08 Last revised date: 2023-01-24  
Product No.: SDS-ID: GB-EN/10.0

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

The product contains: mineral oil and additives.

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

CLP:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
0,1 - < 1	68955-53-3	273-279-1	-	Amines, C12-14-tert-alkyl	Acute Tox. 2;H330 Acute Tox. 3;H311 Acute Tox. 4;H302 Skin Corr. 1B;H314 Eye Dam. 1;H318 Skin Sens. 1A;H317 STOT SE 3;H335 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	
0,01 - < 0,1	112-90-3	204-015-5	-	(Z)-Octadec-9-enylamine	Acute Tox. 4;H302 Asp. Tox. 1;H304 STOT SE 3;H335 STOT RE 2;H373G Skin Corr. 1B;H314 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	

<u>Chemical name:</u>	<u>SCL</u>	<u>M (ac)</u>	<u>M (chr)</u>	<u>ATE(o)</u> <u>(mg/kg bw)</u>	<u>ATE(d)</u> <u>(mg/kg bw)</u>	<u>ATE(i) (vapour,</u> <u>mg/L)</u>
Amines, C12-14-tert-alkyl		1	1	-	-	-
(Z)-Octadec-9-enylamine	-	10	10	-	-	-

References: The full text for all hazard statements is displayed in section 16.

# SAFETY DATA SHEET

Product name:	OMEGA 690	Page:	4/13
Supersedes date:	2022-02-08	Last revised date:	2023-01-24
Product No.:		SDS-ID:	GB-EN/10.0

---

## 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 or after inhalation of oil mist: Seek medical attention and bring along 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.  
Do not use water jet as an extinguisher, as this will spread the fire.

### **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.

---

# SAFETY DATA SHEET

Product name:	OMEGA 690	Page:	5/13
Supersedes date:	2022-02-08	Last revised date:	2023-01-24
Product No.:		SDS-ID:	GB-EN/10.0

---

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Personal precautions: Avoid inhalation of oil mist and 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 oil, particularly used oil. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

Technical measures: Use work methods which minimise oil mist production.

Technical precautions: When working with heated oil, 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.

---

# SAFETY DATA SHEET

Product name: OMEGA 690  
Supersedes date: 2022-02-08  
Product No.:

Page: 6/13  
Last revised date: 2023-01-24  
SDS-ID: GB-EN/10.0

---

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

No occupational exposure limit assigned.

### **8.2. Exposure controls**

Engineering measures: Provide adequate ventilation and minimise the risk of inhalation of vapours and oil mist. 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 or risk of inhalation of oil mist, suitable respiratory equipment with combination filter (type A2/P3) can be used.

Hand protection: 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.

Hygiene measures: Wash hands after contact. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash contaminated clothing before reuse.

Environmental Exposure Controls: Not available.

---

# SAFETY DATA SHEET

Product name: OMEGA 690  
Supersedes date: 2022-02-08  
Product No.:

Page: 7/13  
Last revised date: 2023-01-24  
SDS-ID: GB-EN/10.0

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state: Liquid.  
Colour: Red.  
Odour: Almost odourless.  
Odour threshold: Not available.  
pH: Not relevant.  
Melting point / freezing point: Not available.  
Boiling point: Not available.  
Flash point: >150°C  
Evaporation rate: Not available.  
Explosive limits Not available.  
Vapour pressure: Not available.  
Vapour density: Not available.  
Relative density: ~0,9  
Solubility: insoluble in water (<0,1 g/l)  
Partition coefficient (n-octanol/water): Not available.  
Auto-ignition temperature (°C): Not available.  
Decomposition temperature (°C): Not available.  
Viscosity: Not available.  
Oxidising properties: Not available.

### 9.2. Other information

Other data: No information available.

---

# SAFETY DATA SHEET

Product name: OMEGA 690  
Supersedes date: 2022-02-08  
Product No.:

Page: 8/13  
Last revised date: 2023-01-24  
SDS-ID: GB-EN/10.0

---

## 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 oxidising substances.

### **10.6. Hazardous decomposition products**

Hazardous decomposition products: None in particular.

---



# SAFETY DATA SHEET

Product name:	OMEGA 690	Page:	9/13
Supersedes date:	2022-02-08	Last revised date:	2023-01-24
Product No.:		SDS-ID:	GB-EN/10.0

---

## 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: May cause an allergic skin reaction.

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: Risk of sensitisation or allergic reactions among sensitive individuals. Degreasing. Prolonged or frequent contact may cause redness, itching, irritation, eczema, skin cracking and oil acne.

Eye contact: Splashes may irritate.

Ingestion: May irritate and cause malaise.

Specific effects: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

### 11.2. Information on other hazards

Endocrine disrupting properties: The product does not contain any substance identified as having endocrine disrupting properties.

---

# SAFETY DATA SHEET

Product name:	OMEGA 690	Page:	10/13
Supersedes date:	2022-02-08	Last revised date:	2023-01-24
Product No.:		SDS-ID:	GB-EN/10.0

---

## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Ecotoxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product contains substance which are very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

Amines, C12-14-tert-alkyl

M-factor (acute): 1

M-factor (chronic): 1

(Z)-Octadec-9-enylamine

M-factor (acute): 10

M-factor (chronic): 10

### **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: No data available.

### **12.6. Endocrine disrupting properties**

Endocrine disrupting properties: The product does not contain any substance identified as having endocrine disrupting properties.

### **12.7. 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: 13 02 05

---

# SAFETY DATA SHEET

Product name: OMEGA 690

Page: 11/13

Supersedes date: 2022-02-08

Last revised date: 2023-01-24

Product No.:

SDS-ID: GB-EN/10.0

---

## SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/AND/RID).

### **14.1. UN number**

UN-No: -

### **14.2. UN proper shipping name**

Proper Shipping Name: -

### **14.3. Transport hazard class(es)**

Class: -

### **14.4. Packing group**

PG: -

### **14.5. Environmental hazards**

Marine pollutant: -

Environmentally Hazardous substance: -

### **14.6. Special precautions for user**

Special precautions: -

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

Transport in bulk: -

---

# SAFETY DATA SHEET

Product name:	OMEGA 690	Page:	12/13
Supersedes date:	2022-02-08	Last revised date:	2023-01-24
Product No.:		SDS-ID:	GB-EN/10.0

---

## SECTION 15: REGULATORY INFORMATION

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

Special provisions: As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

National regulation: UK Statutory Instruments, 2021 No. 904, CONSUMER PROTECTION ENVIRONMENTAL PROTECTION HEALTH AND SAFETY. The REACH etc. (Amendment) Regulations 2021.  
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.  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 720), as amended.  
EH40/2005, Workplace exposure limits 2005, with amendments.  
The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).  
The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242), with amendments.

### 15.2. Chemical Safety Assessment

CSA status: No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

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

Handling of used oils:

Protect health - avoid prolonged and repeated skin contact. Wash with soap and water. Protect the environment - do not pollute drains, water courses or the soil. Contact your local authority for any used oil disposal instructions.

For restrictions on use see section 15.

The following sections contain revisions or new statements: 1, 8, 15

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.

---

# SAFETY DATA SHEET

Product name:	OMEGA 690	Page:	13/13
Supersedes date:	2022-02-08	Last revised date:	2023-01-24
Product No.:		SDS-ID:	GB-EN/10.0

---

Abbreviations and acronyms used in the safety data sheet:

ATE(d) = Acute Toxicity Estimate, dermal.  
ATE(i) = Acute Toxicity Estimate, inhalation.  
ATE(o) = Acute Toxicity Estimate, oral.  
bw = body weight.  
CSA= Chemical Safety Assessment.  
M(ac) = M-factor acute toxicity.  
M(chr) = M-factor chronic toxicity.  
PBT = Persistent, Bioaccumulative and Toxic.  
SCL = Specific Concentration Limit.  
STOT = Specific Target Organ Toxicity.  
vPvB = very Persistent and very Bioaccumulative.

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

Wording of H-statements:

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H373G	May cause damage to organs (gastro-intestinal tract, liver, immune system) through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very 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).

---