

# SAFETY DATA SHEET



Product name: Omega 612  
Supersedes date: 2019-08-20  
Product No.:

Page: 1/11  
Last revised date: 2023-05-08  
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 612  
Container size: 5 l, 20 l

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

Application: Hydraulic oil.  
Universal lubricant.

### 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

Further information can be obtained from: magna@magnagroup.com

### 1.4. Emergency telephone number

Emergency telephone: Call a Poison Center, emergency number or doctor/physician.  
NHS: 111

# SAFETY DATA SHEET

Product name: Omega 612 Page: 2/11  
Supersedes date: 2019-08-20 Last revised date: 2023-05-08  
Product No.: SDS-ID: GB-EN/10.0

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP: The product is classified: Skin Irrit. 2;H315

### 2.2. Label elements



**Warning**

H315 Causes skin irritation.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

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

## 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.

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>
98-99	64742-54-7	265-157-1	-	Distillates (petroleum), hydrotreated heavy	Skin Irrit. 2;H315	L

Notes: L: DMSO < 3% (IP 346)

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

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# SAFETY DATA SHEET

Product name:	Omega 612	Page:	3/11
Supersedes date:	2019-08-20	Last revised date:	2023-05-08
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 1-2 glasses of water. Keep person under observation. If uncomfortable: Transportation to hospital. Bring along 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.

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# SAFETY DATA SHEET

Product name:	Omega 612	Page:	4/11
Supersedes date:	2019-08-20	Last revised date:	2023-05-08
Product No.:		SDS-ID:	GB-EN/10.0

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## 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 in a dry, cool and well-ventilated place. Protect against direct sunlight.

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

Specific use(s): Not relevant.

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# SAFETY DATA SHEET

Product name:	Omega 612	Page:	5/11
Supersedes date:	2019-08-20	Last revised date:	2023-05-08
Product No.:		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.  
Nitrile gloves are recommended.  
Thickness: > 0,3 mm; Breakthrough time: > 240 min.  
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: Wear apron or protective clothing in case of splashes.

Hygiene measures: Wash hands after contact. Wash contaminated clothing before reuse.

Environmental Exposure Controls: Not available.

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# SAFETY DATA SHEET

Product name: Omega 612  
Supersedes date: 2019-08-20  
Product No.:

Page: 6/11  
Last revised date: 2023-05-08  
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: Transparent brown.  
Odour: Mild / almost odourless.  
Odour threshold: Not available.  
pH: Not available.  
Melting point / freezing point: Not available.  
Boiling point: Not available.  
Flash point: > 200 °C  
Evaporation rate: Not available.  
Flammability (solid, gas): Not applicable.  
Explosive limits Not available.  
Vapour pressure: Not available.  
Vapour density: Not available.  
Relative density: 0,855 / 0,864 / 0,868 / 0,871  
Solubility: insoluble in water  
Partition coefficient (n-octanol/water): Not available.  
Auto-ignition temperature (°C): Not available.  
Decomposition temperature (°C): Not available.  
Viscosity: 15,4 / 32 / 68 / 100 / 140,7 mm<sup>2</sup>/s (40°C)  
Explosive properties: Not available.  
Oxidising properties: Not available.

### 9.2. Other information

Other data: Not available.

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# SAFETY DATA SHEET

Product name: Omega 612  
Supersedes date: 2019-08-20  
Product No.:

Page: 7/11  
Last revised date: 2023-05-08  
SDS-ID: GB-EN/10.0

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## 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.

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

Hazardous decomposition products: None in particular.

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# SAFETY DATA SHEET

Product name:	Omega 612	Page:	8/11
Supersedes date:	2019-08-20	Last revised date:	2023-05-08
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: Causes skin irritation.

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 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. The harmful effects may increase in used oil.

### 11.2. Information on other hazards

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

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# SAFETY DATA SHEET

Product name:	Omega 612	Page:	9/11
Supersedes date:	2019-08-20	Last revised date:	2023-05-08
Product No.:		SDS-ID:	GB-EN/10.0

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## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Ecotoxicity: There are no data on the ecotoxicity of this product. Oil spills are generally hazardous to the environment.

Distillates (petroleum), hydrotreated heavy  
LC50 (Oncorhynchus mykiss, 96 h): > 5000 mg/l  
EC50 (Daphnia magna, 48 Stunden): > 1000 mg/l  
EC50 (Scenedesmus subspicatus, 96h): > 1000 mg/l

### **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: This product does not contain any PBT or vPvB substances.

### **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 01 10

Contaminated packaging: Dispose of contaminated packings as residue.

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# SAFETY DATA SHEET

Product name:	Omega 612	Page:	10/11
Supersedes date:	2019-08-20	Last revised date:	2023-05-08
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: Not relevant.

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

Transport in bulk: Not relevant.

## SECTION 15: REGULATORY INFORMATION

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

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).

### **15.2. Chemical Safety Assessment**

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

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# SAFETY DATA SHEET

Product name:	Omega 612	Page:	11/11
Supersedes date:	2019-08-20	Last revised date:	2023-05-08
Product No.:		SDS-ID:	GB-EN/10.0

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## 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.

The following sections contain revisions or new statements: 1, 2, 3, 4, 6, 7, 8, 9, 10, 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)

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### Abbreviations and acronyms

used in the safety data sheet: CSA= Chemical Safety Assessment.  
EC50 = Effective Concentration 50%.  
LC50 = Lethal Concentration 50%.  
PBT = Persistent, Bioaccumulative and Toxic.  
vPvB = very Persistent and very Bioaccumulative.

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

### Wording of H-statements:

H315 Causes skin irritation.

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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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[www.dhigroup.com](http://www.dhigroup.com).

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