

# SAFETY DATA SHEET



Product name: Omega 636  
Supersedes date: 2015-05-31  
Product No.:

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Last revised date: 2016-05-10  
SDS-ID: GB-EN/6.1

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

### 1.1. Product identifier

Product name: Omega 636  
Container size: 5 l, 20 l, 205 l

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

Application: Multipurpose oil. (Lubricant., Rust inhibitor.)

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

Supplier: EU importer:

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

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP: Asp. Tox. 1;H304

### 2.2. Label elements



Danger

Contains: Naphtha (petroleum), hydrotreated heavy  
H304 May be fatal if swallowed and enters airways.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
  
P331 Do NOT induce vomiting.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P260 Do not breathe vapour/spray.  
P501 Dispose of contents/container as hazardous waste.

### 2.3. Other hazards

Other: The product is combustible, but not flammable. 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, organic solvents and additives.

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>
30-60	64742-48-9	265-150-3	01-2119486659-16-	Naphtha (petroleum), hydrotreated heavy	Asp. Tox. 1;H304 EUH066	P
1-5	111-76-2	203-905-0	01-2119475108-36-	2-Butoxyethanol	Acute Tox. 4;H332 Acute Tox. 4;H312 Acute Tox. 4;H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315	

Notes: P: benzene < 0,1% (w/w)  
DMSO<3% (IP 346)

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

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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 rinse skin with rinsing cream. After this, apply a fatty cream. 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 up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Rinse mouth with water. Get medical attention.

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

Symptoms/effects: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure.

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

Medical attention/treatments: In case of ingestion: Get medical attention.

## 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.

Cool containers exposed to heat with water spray and remove container, if no risk is involved.

### **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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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Personal precautions: Avoid inhalation of vapours/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 non-combustible, absorbent 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 inhalation of vapours/oil mist and contact with skin and eyes. 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: Mechanical ventilation may be required.

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

Technical measures for safe storage: Follow rules for flammable liquids. Large amounts and storages should be stored in accordance with national regulation on storage of flammable liquids.

Storage conditions: Store in tightly closed original container in a well-ventilated place. Do not store near heat sources or expose to high temperatures.

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

Specific use(s): Not relevant.

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## 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>
-	2-Butoxyethanol	-	25 ppm	TWA	Sk	EH40
		-	50 ppm	STEL	Sk; 15min	
-	Normal and branched chain alkanes >=C7 (excluding n-Heptane)	-	1200 mg/m3	TWA	-	EH40

### 8.2. Exposure controls

<u>Engineering measures:</u>	Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours and oil mist. Provide access to washing facilities incl. soap, skin cleanser and fatty cream.
<u>Personal protection:</u>	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
<u>Respiratory equipment:</u>	In case of inadequate ventilation or risk of inhalation of oil mist, suitable respiratory equipment with combination filter (type A2/P3) can be used.
<u>Hand protection:</u>	Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.
<u>Eye protection:</u>	Risk of contact: Wear goggles/face shield.
<u>Skin protection:</u>	Wear apron or protective clothing in case of splashes.
<u>Hygiene measures:</u>	Wash hands after handling. Wash contaminated clothing before reuse.
<u>Environmental Exposure Controls:</u>	Not available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<u>Appearance:</u>	Oily. / green liquid
<u>Odour:</u>	Solvent.
<u>pH:</u>	not relevant
<u>Boiling point:</u>	not available
<u>Flash point:</u>	>67°C
<u>Explosive limits</u>	not available
<u>Relative density:</u>	0,84
<u>Solubility:</u>	insoluble in water
<u>Decomposition temperature (°C):</u>	not available

### 9.2. Other information

<u>Other data:</u>	kinematic viscosity at 40°C: <7 mm <sup>2</sup> /s
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## SECTION 10: STABILITY AND REACTIVITY

### **10.1. Reactivity**

Reactivity: None known.

### **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 Avoid heat.

### **10.5. Incompatible materials**

Incompatible materials: Strong oxidising 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:  
May be fatal if swallowed and enters airways.

Inhalation: Inhalation of oil mist or vapours formed during heating of the product will irritate the respiratory system and provoke coughing. The product contains organic solvents. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

Skin contact: Degreasing. Repeated exposure may cause skin dryness or cracking. Prolonged or frequent contact may cause redness, itching, irritation, eczema, skin cracking and oil acne. Contains butoxyethanol which may penetrate the skin.

Eye contact: Splashes may irritate.

Ingestion: Low order of acute toxicity, but aspiration following ingestion and vomiting may cause severe and potentially fatal chemical pneumonitis. May cause irritation. May be absorbed in the body and cause dizziness, nausea and vomiting.

Specific effects: Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system, including the brain. Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

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## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Ecotoxicity: Oil spills 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 relevant.

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

Other adverse effects: The product contains volatile, organic compounds which have a photochemical ozone creation potential.

## 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

## 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 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.  
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.  
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: Not relevant.

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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

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

Wording of H-statements:

EUH066	Repeated exposure may cause skin dryness or cracking.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

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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.

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

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