

Omega 580

DESCRIPTION:

Omega 580 heralds "the" important scientific breakthrough into the field of high purity lubrication. It features an additive formulation so unique that it has virtually no competition in its operating capabilities - where only the purest, cleanest lubrication is demanded. Omega 580 sets new standards of performance by which future high-purity lubricants will be measured.

PREMIUM QUALITY INGREDIENTS:

Omega 580 contains such a highly-advanced and sophisticated additive formulation that they were individually tested by the United States Department of Agriculture, who approved each and every additive!

SUPERIOR TO ORDINARY "PURE" GRADE OILS:

Ordinary so-called "pure" oils are known under a variety of names such as "Pure White" or "Pure Mineral" or "Medical" or "Pharmaceutical Grade", etc.

However they lack any effective additive inclusion because ordinary additives are toxic and would render the oil unsuitable for high purity applications. The result is that these ordinary "pure" oils provide extremely limited performance, lack stability, are easily "worn", foam excessively and oxidize rapidly. They require frequent changing and do not offer performance anywhere comparable to that of ordinary oils used in non - high purity applications.

Omega 580, on the other hand, is based on a completely new additives chemistry that is completely non-toxic and gives it extraordinary performance capabilities over ordinary "pure" oils.

USDA-APPROVED ADDITIVES:

Omega 580 contains anti-foam agents, a highly effective oxidation inhibitor and supplementary antiwear agents. In addition, a special bactericide is added to enhance purity and keep the harmful bacteria count extremely low. These additives packages are so advanced that no ordinary pure oil contains them. Most importantly, they enable Omega 580 to easily outperform ordinary pure



Nonfood Compounds Program Listed
Category Code : H1
Registration Number : 130633

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

1801, Guardian House, 32 Oi Kwan Road, Wanchai, Hong Kong Tel: (852) 2577 5187 Fax: (852) 2577 3190
E-Mail: magna@magnagroup.com Web Site: www.magnagroup.com

O-580 p.1

MATERIAL SAFETY DATA SHEET

DATE 01 Aug 2014

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name/Code Omega 580

Company Identification

Omega Manufacturing Division,
Magna Industrial Co. Limited,
1801, Guardian House,
32 Oi Kwan Road,
Wanchai, Hong Kong.

Distributor

Alshawi Trading,
Block 351, Road 51, Bldg 20, Manama - Bahrain.
www.alshawitrading.com
info@alshawitrading.com
P.O.Box 33526

Telephone (852) 25775187
Fax (852) 25773190

Telephone (973) 1755 0019
Fax (973) 1755 5108

SECTION 2 - HAZARDS IDENTIFICATION

Not classified as hazardous.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Wt.%</u>	<u>Classification</u>
White mineral oil	8042-47-5	60-100%	-

SECTION 4 - FIRST-AID MEASURES

Eye Contact: Flush with plenty of water for at least 15 minutes. Seek immediate medical attention.

Skin Contact: Wash thoroughly with soap and water. Obtain medical attention in case of skin irritation or other cause for concern.

Inhalation: Move patient to open air.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

1801, Guardian House, 32 Oi Kwan Road, Wanchai, Hong Kong Tel: (852) 2577 5187 Fax: (852) 2577 3190
E-Mail: magna@magnagroup.com Web Site: www.magnagroup.com

O-580 p.2

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical, foam, sand and carbon dioxide.

Special Protective Equipment for Fire Fighters: Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Dense smoke. Carbon dioxide, carbon monoxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spillage: Transfer bulk of material into another container. Absorb remaining residue with proper absorbents such as sand, vermiculite. Sweep up and dispose of in accordance with local and national regulations.

SECTION 7 - HANDLING AND STORAGE

Keep containers closed. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before reuse.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV

Technical white oil 5 mg/m³ (oil mist)

Eye Protection: Safety goggles and full-face shield

Hand Protection: Rubber or plastic oil resistant gloves.

Ventilation: Use under well ventilated conditions.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear white liquid

Odour: No unpleasant odour

pH: N.A.

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

1801, Guardian House, 32 Oi Kwan Road, Wanchai, Hong Kong Tel: (852) 2577 5187 Fax: (852) 2577 3190
E-Mail: magna@magnagroup.com Web Site: www.magnagroup.com

O-580 p.3

Specific Gravity: 0.89
Vapour Pressure: N.A.
Boiling Point: N.A.
Melting Point: N.A.
Flash Point: 216°C
Flammability: N.A.
Evaporation Rate: N.A.
Solubility in Water: Insoluble

SECTION 10 - STABILITY AND REACTIVITY

Stable under normal condition.

Materials to Avoid: Strong oxidizing agents, hydrogen peroxide, chromic acid, bromine.

Hazardous combustion products: Dense smoke, carbon monoxide, carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

There is no lethal dose information available.

Inhalation: Inhalation of vapours can cause irritation of the respiratory tract. High concentrations of oils, mists or vapours can cause chemical pneumonitis.

Skin: May cause irritation, drying and cracking.

Eyes: Cause irritation.

Ingestion: May cause irritation in mouth and stomach, thirst, nausea, vomiting, diarrhoea, with possible collapse if large amounts ingested. Aspiration of material upon vomiting may cause chemical pneumonitis.

SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available at present.

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

1801, Guardian House, 32 Oi Kwan Road, Wanchai, Hong Kong Tel: (852) 2577 5187 Fax: (852) 2577 3190
E-Mail: magna@magnagroup.com Web Site: www.magnagroup.com

O-580 p.4

SECTION 13 - DISPOSAL CONSIDERATIONS

Comply with all local and national regulations regarding disposal.

SECTION 14 - TRANSPORT INFORMATION

UN Number : Not regulated

IATA Class : Not regulated, Packing Group: Not regulated

IMDG Class : Not regulated, Packing Group: Not regulated

Not considered hazardous for transport purpose.

SECTION 15 - REGULATORY INFORMATION

-

SECTION 16 - OTHER INFORMATION

R-phrases: -

S-phrases: -

Remarks: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.