

Omega 638

FOOD GRADE 4-IN-1 MAINTENANCE OIL

DESCRIPTION:

Omega 638 has a four - in - one action application. It acts as light lubricant, rust preventive, penetrating fluid as well as water repellent. Food grade Omega 638 is blended with materials that have USDA – H1 approvals for incidental food contact.

SURFACE PROTECTION :

Omega 638 protects metal surfaces for a short term from rust in the food-processing environment. It is suitable for indoor as well as outdoor applications and it is very effective against rust caused by high humidity.

LUBRICITY :

Omega 638 is suitable for an environment that requires an odourless and non-toxic colourless light lubricant.

WATER DISPLACEMENT:

Omega 638 is capable of displacing moisture out of vital metal components and parts. It leaves behind an invisible thin protective layer that stands up against corrosion.

PENETRATING FLUID :

Omega 638 is effective in penetrating and loosening “ frozen” bolts, nuts and other fasteners. The lubricant with its free flowing low viscosity properties penetrates between tightly fitted surfaces. It softens the bonding oxidation matrix so that nuts and other frozen components can be loosened and be removed.



Nonfood Compounds Program Listed
Category Code : H1
Registration Number : 124234

APPLICATION:

Omega 638 as a universal, odourless lubricant is ideal for maintenance application. It does no harm to plastics, paintwork, vinyl, leather and rubber. The lubricant can be applied in a sprayer, with a brush or in a dip tray.

TYPICAL DATA:

Test	ASTM Method	Typical Test Results
Appearance	Visual	Clear Colourless
Density, Kg/L @ 15°C	D-1298	0.838
Viscosity, cSt @ 40°C	D-445	14
Flash Point, PMCC, °C(°F)	D-93	75(167)
Pour Point, PMCC, °C(°F)	D-97	-30 (-22)
Water Displacement Characteristics	Proprietary	Pass
Rust Protection, Cast Iron Chips- RH 100%, 72 Hrs. @ 20°C	Proprietary	Pass

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

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MATERIAL SAFETY DATA SHEET

DATE 04 May 2015

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name/Code Omega 638

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.

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SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical, carbon dioxide. Do not use water.

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

Unusual Fire and Explosion Hazards: Dense smoke. Carbon dioxide, carbon monoxide. Vapours are heavier than air and may travel along the ground or be moved by ventilation.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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. Keep away from feed and food products.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV

Technical white oils 5mg/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 transparent fluid

Odour: None

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pH: N.A.
Specific Gravity: 0.838
Vapour Pressure: N.A.
Boiling Point: 145°C
Melting Point: N.A.
Flash Point: 75°C
Flammability: N.A.
Evaporation Rate: <1 (Ether=1)
Solubility in Water: Insoluble

SECTION 10 - STABILITY AND REACTIVITY

Stable

Materials to Avoid: Strong acids, strong bases, strong oxidizing agents, chlorinated hydrocarbons, bromates, chlorates, iodates.

Toxic compounds may form on thermal decomposition. Hazardous combustion products: carbon monoxide, carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

There is no lethal dose information available.

Inhalation: Inhalation of solvent vapours can cause irritation of the respiratory tract. High concentrations of oils, mists, sprays 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.

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SECTION 13 - DISPOSAL CONSIDERATIONS

Comply with all regulations regarding disposal.

SECTION 14 - TRANSPORT INFORMATION

UN Number: -

IATA Class: Not regulated, Packing Group: -

IMDG Class: Not regulated, Packing Group: -

Not considered hazardous for transport purpose.

SECTION 15 - REGULATORY INFORMATION

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SECTION 16 - OTHER INFORMATION

Risk Phrases: -

Safety Phrases: -

**The highly refined mineral oil used in this product contains less than 3% DMSO extract as measured by IP 346.

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.