

Omega 101

DESCRIPTION:

Omega 101 "The Fixer" is a liquid cork designed for the permanent sealing of all recirculated water cooling systems in vehicles of all types, in heat exchange equipment, compressors, machinery and equipment. It can be applied while equipment is operating and thus effectively eliminates equipment downtime.

UNIVERSAL APPLICATION:

Omega 101 seals radiators. Is also stops leaks in radiator hoses, head gaskets, water jackets and water pumps. It can be safely used in all industrial, commercial and marine cooling systems which are based on recirculated water.

MAXIMUM BENEFITS:

Omega 101 contains special anti-friction additives that lubricate water pumps and a rust inhibitor that retards rust formation. It not only seals existing leaks, but also coats worn areas like depressions, to make a permanent repair and thus prevent further deterioration.

ONE APPLICATION TREATMENT:

Omega 101 is highly economical in use. It dissipates to spread an even, protective coating to the walls, hoses and gaskets of water cooling systems. Seals achieved by Omega 101 last indefinitely. Even should the water in the cooling systems be drained, the seals provided by Omega 101 will remain intact and will not weaken.

HOW TO APPLY:

It is not necessary to shut down operating equipment to apply Omega 101. The operational condition will in fact assist in the even distribution of the solution throughout the cooling system. No mixing or thinning is required. Add 1/4 pint of Omega 101 to each gallon (35 ml per litre) of water in the recirculating system. Dosage can be varied according to the severity of the leak. Shake well before use. If stored in very cold or very hot conditions, bring to room temperature of 15-25°C(59-77°F) before application.

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

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MATERIAL SAFETY DATA SHEET

DATE 01 Aug 2014

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name/Code Omega 101

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
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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>
Ethanediol	107-21-1	30-60	Xn;R22
Water	7732-18-5	30-60	-

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: N.A.

Special Protective Equipment for Fire Fighters: N.A.

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. Keep away from feed and food products.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV

Ethylene glycol 50 ppm

Eye Protection: Safety goggles

Hand Protection: Rubber or plastic oil resistant gloves.

Ventilation: Use under well ventilated conditions.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light brown, semi-liquid dispersion.

Odour: No special odour

pH: N.A.

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Specific Gravity: 0.98
Vapour Pressure: 17.54 mmHg
Boiling Point: 100°C
Melting Point: -10°C
Flash Point: None
Flammability: N.A.
Evaporation Rate: <1 (water = 1)
Solubility in Water: Dispersable

SECTION 10 - STABILITY AND REACTIVITY

Stable under normal condition.

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

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: N.A.

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 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

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SECTION 16 - OTHER INFORMATION

Risk Phrases: R22 – Harmful if swallowed.

Safety 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.