



ZetaLube

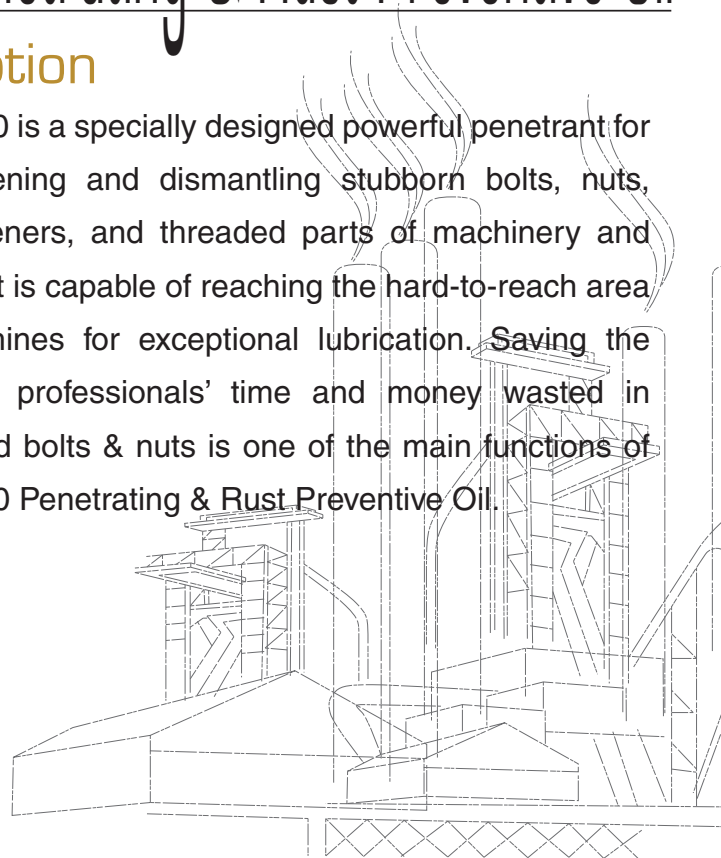
A New Lubricity Dimension
Evolved From Experience



ZetaLube 260 Penetrating & Rust Preventive Oil

Description

ZetaLube 260 is a specially designed powerful penetrant for quickly loosening and dismantling stubborn bolts, nuts, screws, fasteners, and threaded parts of machinery and equipment. It is capable of reaching the hard-to-reach area of any machines for exceptional lubrication. Saving the maintenance professionals' time and money wasted in freeing rusted bolts & nuts is one of the main functions of ZetaLube 260 Penetrating & Rust Preventive Oil.



MAGNA INDUSTRIAL CO. LIMITED
Total Quality Maintenance

www.magnagroup.com

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Features and Benefits

- Excellent penetrating power – rapidly loosens stubborn thread parts.
- High flash point for safer storage and transportation.
- Easy to apply – manually by brush or by sprayer or dip feeding.
- No unpleasant or irritating odor.
- Reduces maintenance costs and time spent in routine dismantling jobs.



Recommended Applications

- For removing stubborn threaded parts from machinery/equipment for repair or maintenance jobs in almost all industries.
- For removing nuts, bolts, screws, and fasteners of outdoor machinery/equipment constantly exposed to humid conditions.
- To protect components and parts from rusting during short-term storage.

Typical Data

TEST	TEST RESULT
Appearance	Amber
Density, kg/L @ 20°C	0.83
Flash Point, °C	>60
Film Thickness (µm)	3.4
Coverage Area (m ² / L)	60

The data shown are typical value and may vary.

Pack-size

205 Litre Metal Drum & 20 Litre Plastic Container

Authorized Distributor

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

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ZetaLube 260

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910. 1200, Standard must be consulted for specific requirements.

ZETALUBE DIVISION
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IDENTITY (As Used on Label and List) ZETALUBE 260	LAST ASSESSED: 29 May 2007
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SECTION I - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<i>Hazardous Components (Specific Chemical Identity: Common Name(s))</i>	<i>CAS NO.</i>	<i>ACGIH TLV</i>	<i>Other Limits Recommended</i>
Petroleum solvent	64742-47-8	100 ppm	-

SECTION II - PHYSICAL CHARACTERISTICS

<i>Boiling Point</i>	N.A.	<i>Specific Gravity (H₂O = 1)</i>	~0.9
<i>Vapor Pressure (@25°C, mmHg)</i>	N.A.	<i>Melting Point</i>	N.A.
<i>Vapor Density (AIR = 1)</i>	N.A.	<i>Evaporation Rate (Ether = 1)</i>	N.A.

Solubility in Water Negligible

Appearance and Odor Clear brown liquid with mineral odor

SECTION III - FIRE AND EXPLOSION HAZARD DATA

<i>Flash Point (Method Used)</i>	<i>Flammable Limits</i>	<i>LEL</i>	<i>UEL</i>
>60°C	N.A.	-	-

Extinguishing Media

Dry chemical, water fog, carbon dioxide, foam, and sand.

Special Fire Fighting Procedures

Fire fighters should wear an approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

None expected.

SECTION IV - REACTIVITY DATA

<i>Stability</i>	<i>Conditions to Avoid</i>
Stable	N.A.

Incompatibility (Materials to Avoid)

Strong oxidizing agents

Hazardous Decomposition or Products

Oxides of carbon

<i>Hazardous Polymerization</i>	<i>Condition to Avoid</i>
Will Not Occur	None

SECTION V - HEALTH HAZARD DATA***Threshold Limit Value***

See section I hazardous ingredients

Effects of Overexposure

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.

Emergency & First Aid Procedures

Eyes: Flush with large amounts of water for at least 15 min. Call a physician immediately.

Skin contact: Wash thoroughly with soap and water.

Inhalation: N.A.

If swallowed: Call a physician immediately.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE**Steps to Be Taken In Case Material Is Released or Spilt**

Transfer bulk of material into another container. Absorb remaining residue with proper absorbents such as sand, earth, and vermiculite. Sweep up and dispose of as solid waste comply with all local and national regulations.

Waste Disposal Method

By methods consistent with local and national regulations.

Precautions to Be Taken in Handling and Storing

Keep containers closed. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before re-use. Keep away from feed and food products.

Other Precautions

Keep out of the reach of children.

SECTION VII - CONTROL MEASURES**Respiratory Protection (Specify Type)**

None required

Ventilation	Local Exhaust	Special
	N.A.	N.A.
	Mechanical (General)	Other
	N.A.	N.A.

Protective Gloves

Rubber or plastic oil resistant gloves.

Eye Protection

Safety goggles and full-face shield when handled hot.

Other Protective Clothing or Equipment

None required

Work/Hygienic Practices

N.A.

Remarks

Transportation: Not classified.

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