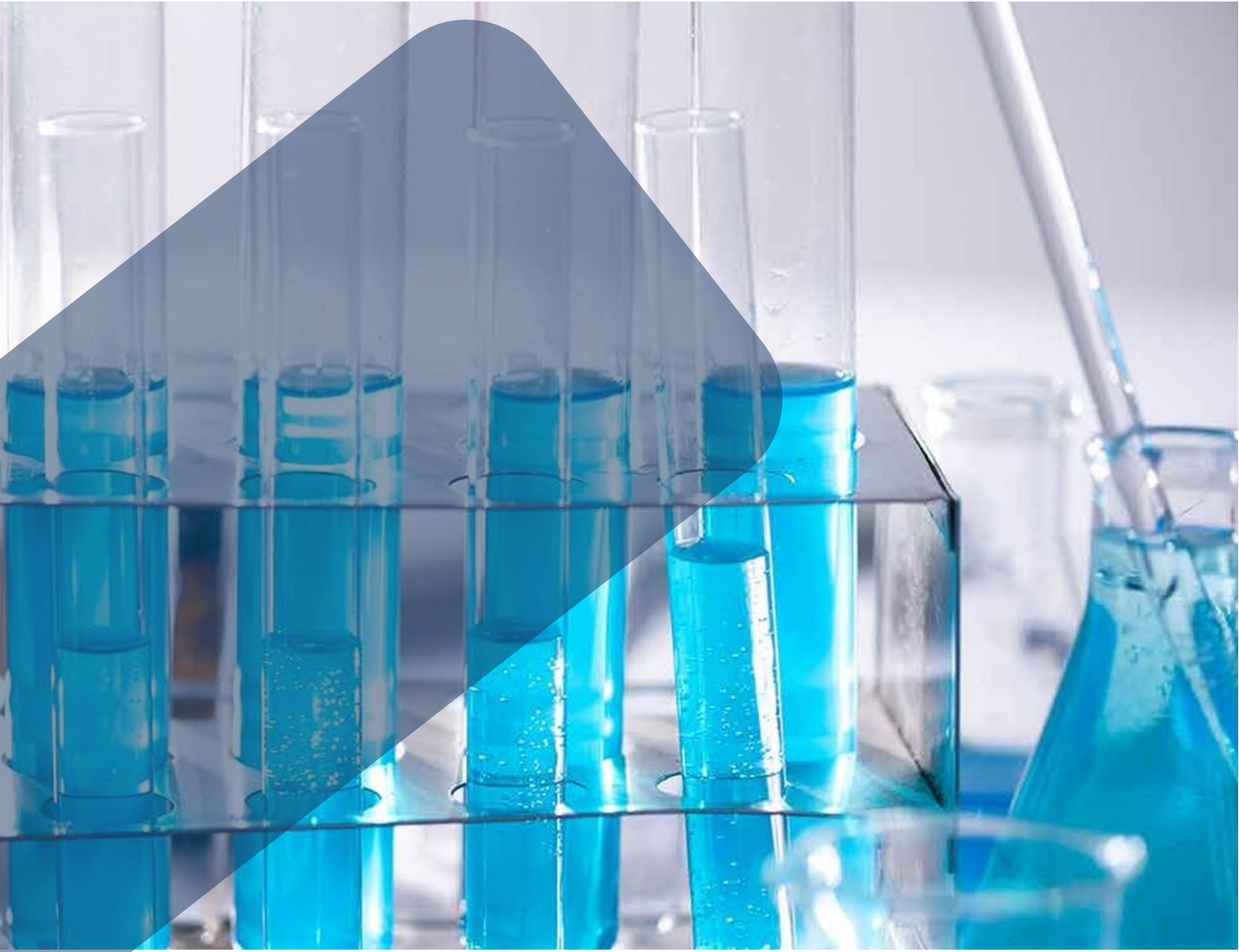




HMA GLOBAL ENERGY

PRODUCTS BROCHURE

 www.hma-ct.ae

About Us

HMA Global Energy is an energy commodity company. We are specialized in manufacturing and exporting petrochemicals, chemicals, fertilizers, industrial raw materials and of guaranteed quality in UAE since 2010.



*Running A Successful Business Since
2010*

HMA Global Energy was setup with the sole intention of carrying out best quality products especially to many parts of the world. Today, HMA Global Energy represents a growing number of businesses that are serving a variety of markets. We manufacture and supply about 60.000 to 170.000 MT monthly to our customers worldwide.

+10

Locations

50+

Suppliers

50+

Markets

400+

Client



HMA GLOBAL ENERGY

CHEMICALS & FERTILIZERS

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Caustic Soda

Caustic soda is mainly used in the form of caustic soda flakes or pearls. It is also known as sodium hydroxide, has a white solid appearance and a formula of NaOH. It is an inorganic alkali salt, hygroscopic in nature and is soluble in water and polar solvents. It has a slippery feel and also absorbs carbon dioxide in the atmosphere to form sodium carbonate. Our production capacity is 4500 MT / Month.

HS Code : 2815.11.00
CAS No. : 1310-73-2
Origin : UNITED ARABIC EMIRATES,
Packaging : 1000 @ 25 kg PP/PE bags,
25 MT / 20'FCL



Specifications:

Property	Unit	Value
Appearance		White flakes, pearls. micro pearls
Purity	%	98.00 (min)
Density	%	2.13
Boiling Point	%	1388
Melting Point	ppm	318
Solubility in Water	ppm	41.8

Applications:



Textile Industry

Caustic soda is used in the manufacturing of textile. Caustic soda is used in the scouring process, mercerization process, as well as dyeing process.



Paper Industry

Caustic soda is also used in pulp and paper industry during the cooking process and oxygen delignification process. Both sulfate and sulfite pulps are purified by removing lignin compounds in the caustic extraction stages of multistage bleach plants.



Soap & Detergent Industry

It is also used to manufacture soap and detergents, applied during the saponification process in soap industry and neutralization process in detergent industry. Caustic soda saponifies fats into water soluble sodium-based soaps.



Other Applications

In addition, caustic soda helps to extract alumina from bauxite ore via Bayer process and is employed to produce an array of organic and inorganic chemicals.



Sulphur



HMA GLOBAL ENERGY is one of the leading exporters of Sulphur which are used in making sulphuric acid that is further, used in manufacturing detergents, plastic, explosives, and others. The product is manufactured with high-quality raw material ensuring optimum quality of the granular

Description of Goods:

Color: Bright yellow Sulphur

Grade: 99% - Turkmenistan and Middle East

25,30 Kgs bag, jumbo bag 1 MT

Supplying capacity: 150.000 MT/ month

Specifications

Purity:	99.98%
Ash Content:	0.02 % max
Acid as in H_2SO_4 :	0.0015 max
Organic Substance:	0.01 max
Hydrocarbon:	0.09 % max
Moisture :	0.5 % max

Applications:



bleaching agent



Fireworks and
Black
Gunpowder



manufacture of
phosphate
fertilizers



treatment of
certain skin
diseases

UREA

Urea is a raw material used in the manufacture of many chemicals, such as various plastics, urea-formaldehyde resins and adhesives. It is also essential for making feedstock, glue, fertilizer, commercial products, and in resin production.

Description of Goods:
Color: White solid
Grade: Granular Urea 46%
50 Kgs PP/PE with inner layer



Specifications:

Content	Test Result
Nitrogen Content	46% Min Wt%
Moisture Content	Less Than 0.5 Wt%
Biuret Content	Less Than 1.00 Wt%
Formaldehyde	Less Than 0.55 Wt%
Size Distribution	>90 %WT (2 to 4 mm)

Applications:



Agriculture



Chemical industry



Medical use



Laboratory uses

Rock Phosphate

Phosphate rock (or Phosphorite) basically refers to any form of rock that possesses a high phosphorous content. Often extracted by means of surface drilling, this rock is mined through a blasting and harvesting process.

OUR PHOSPHATE ORIGIN

We export the raw phosphate rocks directly from the mines. The origin of such rocks is generally Jordan. Rich in minerals and varying types of stone, Aswan is a major mining region.



AVAILABLE GRADES:

Our Phosphorite products come the following phosphate densities: 31%, 30%, 29%, 28%

PACKAGING:

Bulk



Chemical Analysis

1. Bone phosphate Line	BPL	64-66	Percent
2. Calcium oxide	Cao	48-50	Per cent
3. Iron oxide	Fe2O3	0.10 - 0.20	Per cent
4. Aluminum oxide	Al2O3	0.10-0.15	Per cent
5. Magnesium oxide	Mgo	0.50 - 0.80	Per cent
6. Silicon Dioxide	SiO2	7.5-9	Per cent
7. Fluorine		2-4	per cent
8. Chlorine		800 - 1200	Per cent
9. Carbon oxide	CO2	7-9	per cent
10. Losses of ignition	L.O. I	7-8	per cent
11. Humidity	H2O		per cent

PHOSPHATE APPLICATIONS:

Its primary use is in the agricultural industry. Crucial to fertilizers, phosphate rock represents the building block of the fertilizer industry. The calcium phosphate imbues the soil with nutrients that are vital to plant and other type of organic growth. Also, phosphate rock has been used extensively in animal feed and supplements.





HMA GLOBAL ENERGY

BASE OIL

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BASE OIL

Base Oil provides solutions for the most challenging applications! Virgin Oil

Virgin oil is the most common type of oil used in lubrication products today, and sets the standard for oil quality.

Recycled Oil refers to taking used oil and running it through a filtration system to remove any insoluble impurities.

Product : base oil

Origin : UAE

Base Oil Groups:

Virgin Base Oil SN 150

Virgin Base Oil SN 500

Recycle Base Oil SN 150

Recycle Base Oil SN 500

Specifications

SPECIFICATION	MIN	MAX
Viscosity @100°C	4.5	5
Viscosity @40°C	19	24
Viscosity Index	100	110
Flash Point °C	170	180
Pour	0	0
Density	0.686	0.874

Applications:

Base Oil SN150

General purpose oils
Mould oil
Transmission fluids
Gear oils
Metal working fluids
Additives
Hydraulic oils
Transformer oils

Base Oil SN500

Engine oils
Transmission fluids
Gear oils
Metal working fluids
Greases
Hydraulic oils
Transformer oils

Base Oil SN650

Engine oils
Transmission fluids
Gear oils
Metal working fluids
Greases
Hydraulic oils
Transformer oils



HMA GLOBAL ENERGY

BITUMEN

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BITUMEN

Bitumen is an oil based substance. It is a semi-solid hydrocarbon product produced by removing the lighter fractions from heavy crude oil during the refining process.

Types of Bitumen:

Penetration Grade Bitumen.

Oxidized Bitumen Grades.

Cut Back Bitumen.

Bitumen Emulsion.

Polymer Modified Bitumen.

Bitumen Uses

Buildings & industrial paving

Hydraulics & erosion control

Building industrial paving

Railways



Description: Black or dark-colored, amorphous, cementitious

Origin : UAE

Packaging : New Steel Drum- Bulk- Poly Bags - Jumbo Bags

Specifications:

	Units	40/50	60/70	80/100	100/120	Test Methods
Specific Gravity @25°C	-	1.01-1.06	1.01-1.06	1.01-1.05	1.01-1.04	ASTMD-70
Penetration @25°C, 100gm, 5sec	0.1MM	40-50	60-70	80-100	100-120	ASTMD-5
Softening Point, Ring & Ball	°C	52-60	49-56	45-52	42-49	ASTMD-36
Ductility @25°C, after TFOT, Min	CM	100	100	100	100	ASTMD-113
Loss on Heating, Max	%Wt	0.2	0.2	0.5	0.5	ASTMD-6
Drop in Penetration after Heating, Max	%	20.0	20.0	20.0	20.0	ASTMD-6 & D-5
Flash Point Cleveland open cup, Min	°C	250.0	250.0	232.0	250.0	ASTMD-92
Solubility in CS ₂ , Min	%Wt	99.5	99.5	99.5	99.5	ASTMD-4
Organic Matter Insoluble in CS ₂ , Max	%Wt	0.5	0.5	0.5	0.5	ASTMD-4
Sport Test	-	Negative	Negative	Negative	Negative	*A.A.S.H.O.T.102

Applications:



Why HMA GLOBAL ENERGY LLC?

Our development and dynamism is the outcome of the continuous trend of our services to the clients by a perfectly designed selling mechanism which includes ordering, sales support, competitive price, punctual loading and shipment and daily report to the client which the perfect performing of the above mentioned is our true honor.



With HMA GLOBAL ENERGY LLC:



Sales and
Distribution



Export Management



Brand New Products



Custom-Made
Products



Cargo Inspection



Transportation
Services

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