Material Safety Data Sheet

Date of Preparation: 01/10/2010
Date of Revision: 01/01/2025

SECTION 1
IDENTIFICATION OF MATERIAL AND SUPPLIER INFO

Name of Commodity	:	**Rock Phosphate**
Name of Product	:	**Pakistan Rock Phosphate (PRP)**
HS Code	:	**2835.2990**
Country of Origin	:	**Pakistan**
Name of Supplier	:	**Ghadeer Inc (M) Sdn. Bhd.**
Address	:	**10A Jalan Laksamana 11, Taman Mewah Jaya 3, 41200 Klang, Selangor Darul Ehsan Malaysia**
Contact Person	:	**Mr. Zulfiqar Ali Khan**
Emergency Contact Nos.	:	**+603-5166 8269 Fax: +603 51668828**
E-Mail	:	**info@turabworld.com, turabinc@gmail.com**
Website	:	**www.turabworld.com**

SECTION 2
CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS

Silica as SiO_2	17.15
Aluminum as Al_2O_3	2.52
Titanium as TiO_2	0.09
Iron as Fe_2O_3	2.54
Sodium as Na_2O	0.20
Potassium as K_2O	0.60
Calcium as CaO	42.71
Magnesium as MgO	0.19
Phosphorus as P_2O_5	31.33
Manganese as MnO	0.02
Chromium as Cr_2O_3	< 0.01
Zirconium as ZrO_2	0.05
Hafnium as HfO_2	<0.01
Sulphur as SO_3	0.28
Strontium as SrO	0.13

Above chemical composition provides a broad overview for the purposes of transporting, shipping, and warehousing rock phosphate. This overview does not accurately reflect the samples intended for trade or laboratory analysis purposes."

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SECTION 3
HAZARDS IDENTIFICATION

CAS Registry Number : 1306-05-4
Non-hazardous
Hazard description : Not applicable.
Poisons Schedule : None Allocated
Information concerning particular hazards for human and environment:
No hazards to be particularly mentioned.

Classification system: The classification is in line with current EC lists. It is extended, by information from technical literature and company information.

SECTION 4
HEALTH HAZARDS

No adverse health effects are expected

Ingestion	No adverse effects expected however Large amounts may cause nausea.
Eye contact	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
Skin contact	Repeated or prolonged skin contact may lead to irritation.
Inhalation	Breathing in dust may result in respiratory irritation.

SECTION 5
FIRE AND EXPLOSION HAZARDS

It is Inorganic, Non-Combustible, non-inflammable and non-explosive Material.

SECTION 6
TOXICOLOGY HAZARDS

Phosphate rock generally has a negligible order of toxicity.
No LD50 data available for the product.

SECTION 7
ECOTOXICOLOGY HAZARDS

Avoid contaminating water ways as it may cause silting. The product is quite inert and is not expected to present an environmental hazard to aquatic and terrestrial flora and fauna.

SECTION 8
STABILITY AND REACTIVITY

Phosphate Rock is considered Stable.

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SECTION 9
FIRE FIGHTING ADVICE

Non-combustible material. Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

SECTION 10
FIRST AID AND MEDICAL TREATMENTS

After inhalation : Supply fresh air; consult doctor in case of complaints.
After skin contact : Generally the product does not irritate the skin. Rinse with warm water. If skin irritation continues, consult a doctor.
After eye contact : Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing : Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

SECTION 11
PHYSICAL/CHEMICAL CHARACTERISTICS

Form	: Solid
Colour	: White, Grey, light brown, black
Odour	: Odourless
	Change in condition
Melting point/Melting range	: Not applicable
Boiling point/Boiling range	: Not applicable
Flash point	: It is inorganic and not inflammable,
Self-igniting	: Product is not self igniting.
Danger of explosion	: Product does not present an explosion hazard
pH.	: Not Applicable.

SECTION 12
HANDLING AND STORAGE

The product should be stored in a dry area. Storage temperatures are not critical. Proper Ventilation should be provided.

Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

SECTION 13
DISPOSAL CONSIDERATIONSE

Waste Disposal Methods: Dispose in accordance with all applicable local, state, federal environmental regulations.

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SECTION 14:
TRANSPORT INFORMATION

Road and Rail Transport:

Not classified as Dangerous Goods for transport by Road and Rail.

Marine Transport:
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Pakistan Rock Phosphate is non-hazardous, non-combustible, non-explosive therefore it is safe to transport through land, maritime and air.

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SECTION 15:
REGULATORY INFORMATION

In accordance with the Chemicals (Hazardous Information and Packaging) Regulations, Phosphate rock is classified as **nonhazardous** for supply and is labelled in compliance with these regulations.

SECTION 16:
OTHER INFORMATION

The information in the Material Safety Data Sheet relates only to the specific material(s) described herein and does not relate to use in combination with any other material or substance or in any process. We believe that the information contained herein is current as of the date of issue of this Material Safety Data Sheet.

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