



COMPANY PROFILE



Contents

1. Contents	01
2. Company Overview	02
Foreword	03
Vision - Mission - Values	04
3. High quality product and service	04
4. Environmental, Safety and Health	06
5. Product	07
Red Phosphorus	08
Phosphoric Acid	09

Advanced Technology - Superior Solution

At Lavita, we take pride in being Vietnam's first manufacturer of red phosphorus, pioneering advancements in the production of high-quality phosphorus-based products. Established in 2018, our company has consistently focused on innovation, technological excellence, and sustainable development. In 2024, we expanded our capabilities with the launch of a modern phosphoric acid production line, further reinforcing our position as a leading supplier in the industry.

Our commitment to delivering superior products, adhering to the highest quality standards, and promoting environmental stewardship has earned us the trust of customers both domestically and internationally.



Pioneering Excellence in Phosphorus Chemistry

Advanced Production Technology



We apply the most modern technologies to optimize production processes, ensuring high efficiency and environmental friendliness.

Trusted and Reliable Supplier



With years of experience, we are committed to delivering high-quality chemical solutions that meet the most stringent standards.

High-Quality Products



Every product undergoes rigorous quality control to meet the diverse needs of various industries.





Vision

To become a global leader in the phosphorus industry, known for innovation, quality, and sustainability.



Core Values

Innovation: Continuously improve processes and technologies to stay ahead of industry trends.

Quality: Deliver products that meet or exceed customer expectations through stringent quality control.

Sustainability: Operate responsibly, balancing economic growth with environmental protection and social responsibility.



Mission

To provide high-quality phosphorus products that empower industries and contribute to sustainable global progress while fostering safe and environmentally friendly practices.

High-Quality Products for a Better Future



At Lavita, quality defines who we are. With advanced technology and strict quality control, we ensure our phosphorus products meet global standards.

Commitment

- Consistent quality in every batch.
- Tailored solutions for diverse industries.
- Continuous innovation to exceed expectations.

What Sets Us Apart

- Advanced production technologies for consistent excellence.
- Tailored product solutions to meet industry-specific needs.
- Trusted by global and local partners for reliability and performance.



Safety

"Safety First, Always"

- Eco-friendly technologies reduce emissions and waste.
- Effective recycling programs for a greener future.
- Compliance with all environmental regulations.



Environment

"Sustainability at Our Core"

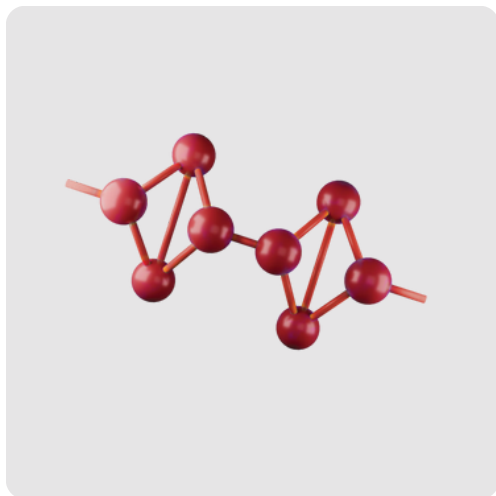
- Eco-friendly technologies reduce emissions and waste.
- Effective recycling programs for a greener future.
- Compliance with all environmental regulations.



Our Promise

Safe operations, sustainable growth, and a commitment to a better planet.





Red Phosphorus

Red phosphorus is Lavita flagship product and the only one of its kind manufactured in Vietnam, playing a strategic role in the chemical industry. With superior stability and safety, red phosphorus is widely applied in industries such as match production, pyrotechnics, flame retardants, and industrial batteries. Produced through a closed-loop process that meets international standards, this product enables Lavita to lead the domestic market while expanding its presence in international markets, affirming the brand's position.

1. Identification

Product Name	Red Phosphorus
CAS	7723-14-0
RTECS	TH34950000
EC	231-768-7
UN	1883
Synonym	Phosphorus, amorphous, red
Chemical Name	Phosphorus (red)
Chemical Formula	P
Molecular Weight	30,97 g/mol
Product description	Inorganic
Product type	Powder



2. Specification

Red phosphorus content	≥ 98.5%
Yellow phosphorus content	< 0.005%
H ₂ O	≤ 0.25%
Free Axit (H ₃ PO ₄)	≤ 0.5%
Iron	< 500ppm
Size	80% min. through 100 mesh



3. Packing



Standard Packaging: Sealed double-layer electrostatic PE bags placed in iron drums.

Drum Capacity

N.W 225kg

G.W 248.5kg

Labelling: Each package is clearly labeled with product details, safety handling instructions, and regulatory compliance information.

Customization: We offer flexible packaging options to meet specific customer or regulatory demands in different regions.

Safety Measures: Complies with international safety standards for the transportation of hazardous materials.

4. Precautionary statements

- **General:** Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
- **Prevention:** Keep away from heat, sparks, open flames and hot surfaces. – No smoking. Ground/ bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ material-handling equipment in area that dust clouds can be created. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
- **Response:** In case of fire, use water, foam, sand.
- **Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

5. Safe warning

Restrict your phosphor contact when necessary:

- Never contact phosphor directly; you should use dedicated pliers to pick out phosphor and a hoe and a shovel to collect it.

Personal safety facilities when working:

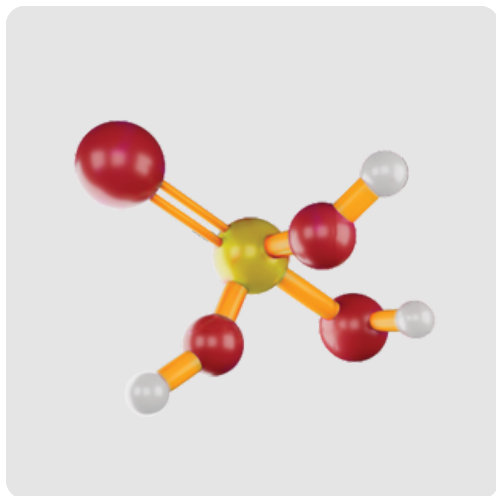
- Eye protection: Wear white – colour goggles when in need.
- Body protection: Use anti-fire labour protective clothing and equipment such as hard plastic helmets, gauze masks or anti-poison face masks, leather and fire resistant clothes.
- Hand protection: Rubber gloves, leather and fire resistant gloves.
- Foot protection: rubber boots, leather shoes.

Hygienic measures:

- Take a good wash and/or shower after handling phosphor. Do not eat while working, do not bring labor protective clothing and equipment home

Precautionary statements

- Contact: Never contact phosphor directly; you should use dedicated pliers to pick out phosphor and a hoe and a shovel to collect it.
- Protection: When working, need use personal safety facilities such as: white – colour goggles, anti-fire protective clothing, helmet, gauze mask and anti-poison masks, rubber gloves and leather and fire resistant.
- Hygienic measure: Take a good wash and/or shower after handling phosphor. Do not eat while working, do not bring labor protective clothing and equipment home



ACID PHOSPHORIC

Lavita's Phosphoric acid is produced with adjustable purity levels ranging from 75% to 85%, catering to diverse customer needs across various industries. It is widely used in the food industry as a pH regulator and additive for beverages, and in the industrial production of high-quality phosphate fertilizers. Additionally, phosphoric acid is applied in metal surface treatment and the production of cleaning agents. Using state-of-the-art production processes, we are committed to delivering safe, stable, and environmentally friendly products to our clients.

1. Identification

Product Name	Phosphoric Acid
CAS	7664-38-2
RTECS	TB6300000
EC	231-633-2
UN	1805
Synonym Chemical	Orthophosphoric Acid
Name Chemical	Phosphoric Acid
Formula Molecular	H ₃ PO ₄
Weight	98.00 g/mol
Product description	Inorganic
Product type	Liquid

2. Specification

Purity: 75% – 85% (depending on customer requirements)

Color: Transparent or slightly cloudy liquid

Food Grade		Technical Grade	
Nitrate (as NO ₃)	≤ 5 ppm	Iron (as Fe)	≤ 10 ppm
Volatile Acids	≤ 10 ppm	Heavy Metals (as Pb)	≤ 10 ppm
Chloride (as Cl ⁻)	≤ 200 ppm	Chloride (as Cl ⁻)	≤ 5 ppm
Sulphate (as SO ₄ ²⁻)	≤ 0.15% max	Sulphate (as SO ₄ ²⁻)	≤ 50 ppm
Arsenic (as As)	≤ 3 ppm	Arsenic (as As)	≤ 50 ppm
Fluoride (as F ⁻)	≤ 10 ppm		



3. Packing

IBC Tank



Net Weight: 1650 kg/tank
Gross Weight: 1720 kg/tank

Plastic Can



Net Weight: 35 kg/can
Gross Weight: 36.5 kg/can

ISO Tank



Net Weight: 23
MT/tank

- **Labeling and Compliance:** Each package is clearly labeled with product specifications, handling instructions, and regulatory compliance information.
- **Customization:** Flexible packaging options are available to meet specific customer or regional requirements.
- **Safety Measures:** All packaging solutions comply with international safety standards to ensure secure handling and transportation.

4. Precautionary statements

- **General:** Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
- **Prevention:** Keep away from heat, sparks, open flames and hot surfaces. – No smoking. Ground/ bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ material-handling equipment in area that dust clouds can be created. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
- **Response:** In case of fire, use water, foam, sand.
- **Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

5. Safe warning

Restrict your phosphor contact when necessary:

- Never contact phosphor directly; you should use dedicated pliers to pick out phosphor and a hoe and a shovel to collect it.

Personal safety facilities when working:

- Eye protection: Wear white – colour goggles when in need.
- Body protection: Use anti-fire labour protective clothing and equipment such as hard plastic helmets, gauze masks or anti-poison face masks, leather and fire resistant clothes.
- Hand protection: Rubber gloves, leather and fire resistant gloves.
- Foot protection: rubber boots, leather shoes.

Hygienic measures:

- Take a good wash and/or shower after handling phosphor. Do not eat while working, do not bring labor protective clothing and equipment home

Precautionary statements

- Contact: Never contact phosphor directly; you should use dedicated pliers to pick out phosphor and a hoe and a shovel to collect it.
- Protection: When working, need use personal safety facilities such as: white – colour goggles, anti-fire protective clothing, helmet, gauze mask and anti-poison masks, rubber gloves and leather and fire resistant.
- Hygienic measure: Take a good wash and/or shower after handling phosphor. Do not eat while working, do not bring labor protective clothing and equipment home



Lavita International Joint Stock Company

📍 Tang Loong Industrial Park, Tang Loong Town,
Bao Thang District, Lao Cai Province

☎ +84 214 386 2833 🌐 www.lavitajsc.com ✉ info@lavitajsc.com