威科特瑞
发挥非金属资源无限潜能

MATERIAL SAFETY DATA SHEET

Part 1: Chemical Products and Corporate Identifications

Chinese name of the chemical substance: 磷氮系膨胀型阻燃剂 VF-10H

English name of the chemical substance: Phosphorus-nitrogen intumescent flame retardant VF-10H

Company Name: Liaoning Victory Flame Retardant Materials Technology Co., Ltd.

Address: Group 5, Qingyishan Village, Qingyishan Town, Kuandian Manchu Autonomous County, Dandong City, Liaoning Province, China

Supplier Contact Number/Fax: 0415-5512939

Emergency contact number: 0415-6191106

Part 2: Composition/Composition Information

The composition information is not disclosed as it involves technical secrets.

Part 3：Overview of Risks

Risk Category: Non-hazardous

Part4：Emergency Management Measures

Skin contact: Rinse the skin with water and soap.

Eye contact: Immediately rinse with running clean water, keeping the eyelids open to ensure thorough irrigation of the entire eye and eyelid area.

The superficial layer of the eyelid. If irritation persists, seek medical attention.

Inhalation: Immediately move to fresh air; if discomfort persists, seek medical diagnosis.

Administration: In case of accidental ingestion, seek medical attention and present the MSDS.

Part5：Fire Safety Measures

Harmful combustion products: carbon monoxide, carbon dioxide, silicon dioxide

Fire suppression methods and agents: dry powder, foam, carbon dioxide

Protective Equipment: Firefighters must wear fire-resistant personal protective equipment, including proper respirators and protective gloves.

Other: Evacuate all non-essential personnel.

Part6： Accidental Release Measures

Personal Protection: Protective equipment and emergency procedures: Use personal protective equipment. Prevent inhalation of vapor, mist, or gas. Ensure adequate ventilation.

Environmental Protection Measures: Do not let product enter sewers.

Methods and Materials for Containment and Cleaning Up: Absorb with inert absorbent material and dispose of as hazardous waste. Store in suitable closed containers for disposal.

Part7 ： Handling and Storage

Handling Precautions: Do not eat, drink, or smoke before use. Use adequate ventilation exhaust equipment. Avoid contact with skin and eyes.

Storage Precautions: Keep in a cool, ventilated, and dry place. Avoid sources of ignition.

Part8： Exposure Controls/Personal Protection

Engineering Controls: Maintain good ventilation conditions.

Body Protection: Wear impermeable clothing.

Respiratory Protection: Wear a filtering facepiece respirator.

Hand Protection: Wear rubber gloves. The selected protective gloves must comply with EU Directive 89/686/EEC and the EN 376 standard derived therefrom.

Eye Protection: Wear safety glasses with side shields that comply with EN 166. Please use products approved by official standards such as NIOSH (USA) or EN 166 (EU).

Other Protection: Safety shower and eyewash station are required.

Part9：Physical and Chemical Properties

Appearance/Form: White powder

Odor: Odorless

Melting Point: None

Solubility in Water: Insoluble

Vapor Pressure: No data available

Main Use: Flame retardant for plastics

Part10：Stability and Reactivity

Stability: Stable at room temperature.

Conditions to Avoid: Strong oxidizing agents, reducing agents, acids, and bases.

Part11 ： Toxicological Information

Acute Toxicity: No data available.

Eyes: Essentially non-irritating to eyes.

Skin: Essentially non-irritating to skin.

Ingestion: No data available.

Inhalation: No data available.

Chronic Toxicity: No data available.

Part12 ： Ecological Information

No data available for reference.

Part13 ： Disposal Considerations

Waste Nature: ○ Hazardous waste ◎ Industrial solid waste

Waste Disposal Methods: Before disposal, refer to national and local regulations.

Disposal Precautions: None.

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Part14 ： Transport Information

Dangerous Goods Number: None

UN Number: None

Packing Mark: None

Packing Group: PE inner bag, plus aluminum-plastic composite bag, 20 kg/bag

Transport Precautions: Shall be loaded and unloaded gently to avoid package breakage and protect from moisture.

Part15 ： Regulatory Information

Regulatory Information: The "dangerous chemicals" referred to in Article 3 of the Regulations on the Safety Management of Chemical Hazardous Substances refer to the seven major categories specified in the classification standard set forth in the national standard of the People's Republic of China, GB 6944-2012 Classification and Code of Dangerous Goods. Our company's products are not included therein.

Part16 ： Other Information

References: ———

Date of Preparation: November 1, 2026

Prepared by: R&D Department

Reviewed by: ———

Remarks:The information in this Safety Data Sheet is prepared based on our existing knowledge and experience and describes the safety requirements of the product only. This Safety Data Sheet is neither a Certificate of Analysis (COA) nor a technical data sheet. It shall not be misconstrued as a normative agreement. The uses identified in this Safety Data Sheet do not represent any agreement on the contractual quality of the substance/mixture in question, nor do they indicate contractually specified uses. This information does not constitute a guarantee of the product's properties. Liaoning Weikete Rui Flame Retardant Materials Technology Co., Ltd. assumes no liability for any damages arising from handling or contact with the above product.