

# SAFETY DATA SHEET (SDS)

## AERWATER 10 INCH SPUN SEDIMENT FILTER

Product type: Polypropylene (PP) Melt Blown Filter Cartridge | Micron ratings: 1 / 3 / 5 / 10 µm

### 1. IDENTIFICATION

**Product identifier:** Aerwater 10 Inch Spun Sediment Filter

**Other identification:** Spun Sediment Filter Cartridge; PP Melt Blown Filter

**Recommended use:** Filtration of sediment and suspended particles in water; suitable as a pre-filtration stage.

**Restrictions on use:** Use only in compatible water filtration systems.

**Supplier/Responsible party:** Product distributor/supplier. Complete company identity before official issue.

**Emergency telephone:** Not specified; use local emergency services where required.

### 2. HAZARD(S) IDENTIFICATION

**GHS classification:** Not classified as hazardous based on the product form and information available.

**Signal word:** None required.

**Hazards:** Intact solid polymer product is not expected to present significant health hazards during normal handling. Dust/fumes may occur if cut, abraded, or overheated.

**Precaution:** Avoid inhalation of dust or thermal decomposition fumes. Keep away from excessive heat and ignition sources.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Primary material:** Polypropylene (PP) Melt Blown fiber.

**Product form:** Solid nonwoven polymer filter cartridge.

**Hazardous ingredients:** No hazardous ingredients are intentionally specified in the available product information. Exact formulation/additives should be confirmed by the manufacturer.

### 4. FIRST-AID MEASURES

**Inhalation:** Move to fresh air if exposed to dust or fumes; seek medical attention if symptoms persist.

**Skin contact:** Wash with soap and water. For molten polymer, cool with water and obtain medical attention; do not peel solidified material from skin.

**Eye contact:** Rinse cautiously with clean water; seek medical attention if irritation persists.

**Ingestion:** Rinse mouth. Product is not intended for ingestion. Seek medical advice if unwell.

### 5. FIRE-FIGHTING MEASURES

**Suitable media:** Water spray, dry chemical, foam, or carbon dioxide as appropriate for the surrounding fire.

**Specific hazards:** Burning/thermal decomposition may produce carbon monoxide, carbon dioxide and irritating organic fumes.

**Fire-fighter protection:** Use suitable respiratory protection and full protective equipment for the surrounding fire conditions.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** No special precautions normally required for an intact cartridge. Avoid creating dust during cutting or abrasion.

**Cleanup:** Collect pieces mechanically and place in a suitable container for reuse or disposal. Keep material away from drains and waterways where practical.

### 7. HANDLING AND STORAGE

**Handling:** Handle carefully to prevent deformation or contamination. Avoid unnecessary cutting, grinding, or burning.

**Storage:** Store in a cool, dry, well-ventilated area protected from direct sunlight, moisture, excessive heat, and ignition sources.

**Incompatibilities:** Avoid strong oxidizing agents and sources of excessive heat.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** General ventilation is normally adequate. Provide local exhaust where thermal processing or dust/fume generation occurs.

**Eye protection:** Safety glasses when cutting, machining, or handling damaged cartridges.

**Hand protection:** Protective gloves where mechanical handling may cause abrasion.

**Respiratory protection:** Normally not required for intact product; use suitable protection where dust/fumes may exceed applicable occupational limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White/off-white cylindrical nonwoven filter cartridge.

**Physical state:** Solid.

**Odor:** Typically slight or none under normal conditions.

**Water solubility:** Insoluble.

**Melting behavior:** Polypropylene softens/melts when heated; exact melt point depends on polymer grade.

**pH:** Not applicable to the solid product.

## 10. STABILITY AND REACTIVITY

**Reactivity:** Stable under normal storage and handling conditions.

**Chemical stability:** Stable under recommended conditions.

**Hazardous reactions:** None expected under normal use.

**Conditions to avoid:** Excessive heat, open flame, and prolonged UV exposure.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition:** Carbon monoxide, carbon dioxide and irritating organic decomposition products may form during burning/overheating.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No specific acute toxicity data available for the finished cartridge. Intact PP is generally considered to have low acute toxicity.

**Skin/eye effects:** Mechanical irritation may occur from dust or fibers. Molten polymer can cause thermal burns.

**Inhalation:** Dust or fumes generated by processing may irritate the respiratory tract.

**Carcinogenicity:** No carcinogenic classification assigned to the finished product based on available information.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No specific ecotoxicity data available for the finished cartridge.

**Persistence:** Polypropylene is resistant to biodegradation and may persist in the environment.

**Environmental precaution:** Prevent unnecessary release of polymer fragments to waterways.

## 13. DISPOSAL CONSIDERATIONS

Dispose of used cartridges in accordance with applicable local waste-management regulations. Where facilities permit, clean polypropylene components may be considered for recycling. Do not burn in uncontrolled conditions.

## 14. TRANSPORT INFORMATION

**UN number:** Not regulated as dangerous goods based on available information.

**Proper shipping name:** Aerwater 10 Inch Spun Sediment Filter.

**Transport hazard class:** Not applicable.

**Packing group:** Not applicable.

**Special precautions:** Protect from excessive heat, moisture and physical damage.

## 15. REGULATORY INFORMATION

This document is prepared in the general 16-section Safety Data Sheet format. Regulatory requirements vary by country and application. The responsible manufacturer/importer should review applicable Indonesian and destination-market requirements before issuing this document as an official regulatory SDS.

## 16. OTHER INFORMATION

**Document type:** Product Safety Data Sheet – draft for product documentation.

**Preparation date:** 07 September 2026.

**Revision:** 1.0.

**Important notice:** This SDS is based on the product information supplied for the Aerwater 10 Inch Spun Sediment Filter. It should be reviewed and approved by the manufacturer or responsible supplier, especially exact composition, supplier identity, emergency contact, and applicable test/certification data, before official regulatory use.

**Disclaimer:** This document describes the safety characteristics of the finished PP Melt Blown filter cartridge based on currently available product information. It is not a certificate of analysis, food-contact certificate, or laboratory test report.

Prepared in a 16-section SDS structure consistent with the standard sequence described by OSHA Appendix D.