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# MATERIAL SAFETY DATA SHEET (MSDS)

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Glass Fiber Filter

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MSDS No.: MSDS/QC/1003

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Revision Date: 10 Jan. 2017

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## 1. Product & Company Identification

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<b>Product Name</b>	:	Glass Fiber Filter
<b>Product Information</b>	:	Axiva Glass Fiber Pre-filter manufactures from pure Borosilicate Glass Fiber without binder resins and is available in a wide range of flow rates and nominal pore sizes. It is used for large and fast filtration, with high product recovery. Surface of filter have hill & valley which enhances life of Membrane. It has high dust holding capacity, when nominal or coarse filtration is required.
<b>Product Code</b>	:	1300** (**can be =25, 37, 47, 55, 70, 90, 110, 125 mm) (GF/1F, 1.6 µm) 1310** (** can be = 25, 47, & 55 mm) (GF/2F, 1.0 µm) 1330** (** can be = 25, 47, 55, 70, 90, 110, 125, 150 mm) (GF/3F, 1.2 µm) 1290** (**can be = 47 mm) (GF/4F, 2.7 µm) 1340** (** can be = 25 & 47 mm) (GF/5F, 0.7 µm)
<b>Company Name</b>	:	Axiva Sichem Pvt. Ltd.
<b>Address</b>	:	Plot No. – 424, EPIP Industrial Estate, Phase – III, Sector-53, Kundli (Sonapat) Haryana - 131028
<b>Phone No.</b>	:	011 23514669
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<b>E-mail</b>	:	arvind@axivasichem.com, axivasichem@vsnl.com
<b>Website</b>	:	<a href="http://www.axivafilters.com">www.axivafilters.com</a> , www.axivasichem.com

## 2. Mode of Composition (MOC)

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Axiva Glass Fiber Pre-filter manufactures from pure Borosilicate Glass Fiber.

## 3. Physical Properties

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<b>Physical State</b>	:	Solid
<b>Appearance</b>	:	White/Off-white Solid
<b>Color</b>	:	White
<b>Odor</b>	:	Odorless

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## 4. Chemical Properties


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<b>Solubility</b>	:	Insoluble
<b>pH</b>	:	Not applicable
<b>Boiling Point</b>	:	Not applicable
<b>Melting Point</b>	:	800°C
<b>Specific Gravity</b>	:	2.6
<b>Volatility</b>	:	Not available
<b>Viscosity</b>	:	Not Applicable

## 5. Hazard Identification

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<b>Hazard Pictograms</b>	:	
<b>Primary Exposure</b>	:	Inhalation, Skin & Eye
<b>Inhalation</b>	:	No effects are known to be associated with the inhalation of vapors from this material. Breathing dusts and fibers may cause acute (short- term) mechanical irritation of the nose, throat and upper respiratory tract.
<b>Skin</b>	:	Direct skin contact with fibrous glass or its dust may cause mechanical irritation and transitory dermatitis.
<b>Eyes</b>	:	May cause a physical irritation to the eye.
<b>Ingestion</b>	:	Accidental ingestion may cause irritation of the mouth and gastrointestinal tract.

## 6. First Aid Measures

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<b>Inhalation</b>	:	Move the person to fresh air. Seek medical attention if irritation persists.
<b>Skin</b>	:	Wash any material off skin with mild soap and cool water. Do not rub or scratch irritated areas. This may force fibers into the skin.

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		Seek medical attention if irritation persists.
<b>Eyes</b>	:	Flush with water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Ingestion</b>	:	Wash out mouth with plenty of water and seek medical attention.

## 7. Fire & Explosion Hazard Measures

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<b>Extinguishing media</b>	:	Fiberglass will not support combustion. Water, dry powder or foam (needed for packaging only).
<b>Unusual Fire Hazards</b>	:	In a sustained fire, combustible decomposition products may be released.
<b>Flash Point &amp; Method</b>	:	None
<b>Flammability Limits (%)</b>	:	None
<b>Auto-ignition Temp.</b>	:	Not Applicable
<b>Hazardous Combustion</b>	:	Primary combustion products are carbon monoxide, carbon dioxide and water. Other undetermined compounds could be released in small quantities.

## 8. Accidental Release Measures

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<b>Land Spill</b>	:	Material is a solid. Pick up the larger pieces and wet sweep or vacuum up any scrapes. Place in a suitable container for disposal as a non-hazardous waste.
<b>Water Spill</b>	:	This material will sink and disperse along the bottom of waterways and ponds. Large pieces should be removed and placed in a suitable container for disposal. Smaller pieces can't be easily removed after it is waterborne; however, the material is non-hazardous in water.
<b>Air Release</b>	:	The material will settle out of the air where it can be cleaned as a land spill.

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## 9. Handling and Storage

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<b>Handling</b>	:	Avoid excessive contact with skin and use good personal hygiene.
<b>Storage Temperature</b>	:	Not Applicable
<b>Storage Pressure</b>	:	Not applicable
<b>General</b>	:	No special storage procedures are required for this material.
<b>Other Precautions</b>	:	If excessive dust is generated, use a respirator approved by NIOSH for dust. This material is not an electrical conductor and may accumulate static charge.

## 10. Exposure Control/Personal Protection

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**Ventilation** : Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the Permissible Exposure Limits.

### Personal Protection Equipment

**Respiratory Protection** : A properly fitted NIOSH/MSHA approved disposable dust respirator should be used when high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible limits; or if irritation occurs.

**Skin Protection** : Loose fitting long sleeved shirt that covers to the base of the neck, long pants and gloves. Skin irritation is known to occur chiefly at pressure points such as around neck, wrist, waist and between fingers.

**Protective Gloves** : Not required, but gloves and barrier creams can be used to protect against mechanical irritation of the hands.

**Eye Protection** : As general good practice, safety glasses with side shields should be worn.

**Hygienic Practices** : Handle using good industrial hygiene and safety practices. Wash thoroughly with mild soap and cool water after handling of the

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material. Remove material from clothing using vacuum equipment (never used compressed air). Keep the work area clean of dusts and fibers released during processing or fabrication. Use vacuum equipment to clean up product. Avoid dry sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air. Have access to a shower and eye wash station.

## 11. Stability & Reactivity

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<b>Reactivity</b>	:	Stable at normal temperatures and pressure.
<b>Stability</b>	:	Stable at normal temperatures and pressure.
<b>Condition to avoid</b>	:	None
<b>Hazardous decomposition:</b>		Glass Fiber will not burn, but smoking of the product may occur at approximately 400-500°F (200-260°C) due to decomposition of the size. In a sustained fire, the size will decompose releasing minor quantities of decomposition products believed to be insufficient to be harmful.
<b>Hazardous Polymerization:</b>		Polymerization will not occur.

## 12. Toxicological Information

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<b>Routes of Entry</b>	:	Inhalation, Ingestion
<b>Primary Irritant Effects</b>	:	Harmful if inhaled or ingested.
<b>On the skin</b>	:	Dust may cause mechanical irritation to skin.
<b>On the eye</b>	:	Causes eye irritation.
<b>Ingestion</b>	:	Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.
<b>Inhalation</b>	:	Inhalation may cause coughing, nose & throat irritation, and Sneezing. Peoples with pre-existing respiratory conditions, may experience difficulty breathing, congestion and chest tightness.

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**Sensitization** : No sensitizing effects known.

## 13. Ecological Information

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**Aquatic Toxicity** : Glass Fiber is generally considered to be an inert solid waste. This material is not expected to cause harm to animals, plants or fish. No special precautions are needed in case of a release or spill.

## 14. Disposal Considerations

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**Waste Disposal** : Waste material must be disposed of in accordance federal, state, provincial and local environmental control regulations. Dispose of as any other innocuous material. Product is not a hazardous waste under RCRA 40.

## 15. Transport Information

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**Transport Information** : These products are not classified as 'HAZARDOUS' or 'DANGEROUS' in the meaning of transport regulations.

## 16. Regulatory Information

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**TSCA Status** : Not Applicable

**NSR Status** : Each Ingredient is on the DSL.

### SARA (Title III) Hazard Categories

**Acute Health Hazard:** Yes

**Chronic Health Hazard:** No

**Fire Hazard** : No

**Pressure Hazard** : No

**Reactivity Hazard** : No

**Clean Air Act** : No ingredient is listed.

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## 17. Other Information

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This Material Safety Data Sheet serves to complete but not to replace the technical product data sheets. The information and recommendations set forth above are taken from sources believed to be accurate as of the date hereof; however, Axiva Sichem Pvt. Ltd. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof. The information contained in this sheet does not constitute a hazard assessment and should not be used in place of the user's own assessment of workplace risks as required by other health and safety legislation. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfill his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned. The above information is believed to be correct, but does not purport to be all-inclusive and shall be used only as a guide. Axiva Sichem Pvt. Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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