



# Safety Data Sheet

## MYCELX HT Filter Cartridge

Revision 03/16/2016

### 1. Identification of the substance/mixture and of the company/undertaking

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Product Name	MYCELX HT Filter Cartridge
Product Codes	MCW10S.5SS, MCW10S1SS, MCW10S5SS, MCW20S5SS, MCW30S.5SS, MCW30S1SS MCW30S5SS, MCW40S.5SS, MCW40S1SS, MCW40S5SS, MCW5S5SS
Use	Industrial Applications
Company	MYCELX Technologies 2420 Meadowbrook Pkwy Duluth GA 30096 USA
Information (Product safety)	Telephone: +1 770-534- 3118 Fax: +1 770-534-3117 Email: sds@mycelx.com
Emergency Telephone Number	ChemTel: 1-800-255-3924 (USA, Canada, Puerto Rico, U.S.Virgin Islands) : +01-813-248-0585 (International, Collect calls accepted) : 000-800-100-4086 (India) : 01-800-099-0731 (Mexico)

### 2. Hazards identification

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This product, when used in accordance with stated and customary directions for use, is not expected to present a health hazard. However, use or processing of the product in a manner not in accordance the product's directions may present potential health and safety hazards.

#### NFPA Rating

Health hazard : 0  
Fire : 1  
Reactivity Hazard : 0

#### Potential Health Effects

Inhalation	Prolonged or repeated exposure to vapors, fumes or smoke from heated fibers causes respiratory tract irritation, chest discomfort and dizziness
Skin	For sensitive individuals, irritation or reddening of skin may occur
Eyes	Dust exposure from grinding operation may cause eye irritation.
Ingestion	Product is physiologically inert

### 3. Composition/information on ingredients

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Ingredient	CAS #	Weight Range %
Substrate: Natural Cotton Wound Filter w/ Stainless Steel Core	9004-34-6	80-99%
MYCELX®	173967-80-1	1-20%

### 4. First aid measures

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Inhalation	Move to fresh air in case of respiratory irritation. Seek medical attention.
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# Safety Data Sheet

## MYCELX HT Filter Cartridge

Revision 03/16/2016

<b>Skin contact</b>	Wash off immediately with soap and plenty of cold water. Seek medical attention upon persistent irritation.
<b>Eye contact</b>	Rinse thoroughly with plenty of cold water for at least 15 minutes and consult a physician.
<b>Ingestion</b>	Not applicable

### 5. Firefighting measures

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<b>Suitable extinguishing media</b>	Water spray, Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO <sub>2</sub> )
<b>Extinguishing media which shall not be used for safety reasons</b>	Strong oxidizers, open flames, strong acids
<b>Specific hazards during firefighting</b>	Avoid inhalation of vapors
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.
<b>Further information</b>	Cool containers / tanks with water spray.

### 6. Accidental release measures

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<b>Personal precautions</b>	Use personal protective equipment. Remove all sources of ignition. Do not breathe vapors or spray mist.
<b>Environmental precautions</b>	Should not be released into the environment.
<b>Methods for cleaning up</b>	The contaminated area shall be swept and cleaned, and the residual material collected in dry and labeled containers. Maintain good housekeeping practices

### 7. Handling and storage

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#### Handling

<b>Safe handling advice</b>	No special requirements necessary, if handling at room temperature
<b>Advice on protection against fire and explosion</b>	Keep away from heat and sources of ignition. Use Explosion-proof equipment. No Smoking

#### Storage

<b>Requirements for storage areas and containers</b>	Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
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# Safety Data Sheet

## MYCELX HT Filter Cartridge

Revision 03/16/2016

### 8. Exposure controls/personal protection

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<b>Engineering controls</b>	Local exhaust ventilation should be used
<b>Personal protective equipment:</b>	
<b>Respiratory protection</b>	Not normally required. If product is being further processed producing dust or fumes, local ventilation should be provided
<b>Hand protection</b>	Not normally required. Gloves could be used by individuals experiencing Skin sensitivity
<b>Eye protection</b>	Not normally required. May be required if product is further processed
<b>Skin and body protection</b>	Gloves could be used by individuals experiencing skin sensitivity
<b>Hygiene measures</b>	Wash hands before breaks and immediately after handling the product.
<b>Protective measures</b>	Local ventilation should be provided if product is further processed.

### 9. Physical and chemical properties

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<b>Form</b>	Solid
<b>State of matter</b>	Solid
<b>Color</b>	Light Yellow
<b>Odor</b>	Characteristic
<b>Melting point/range</b>	Not applicable
<b>Boiling point/boiling range</b>	Not applicable
<b>Specific Gravity</b>	Fiber = 1.27-1.61 @ 25°C
<b>Flash point</b>	Not applicable
<b>Auto ignition temperature</b>	400°C
<b>Lower explosion limit</b>	Not applicable
<b>Upper explosion limit</b>	Not applicable
<b>Vapor pressure</b>	Negligible
<b>Density</b>	Not applicable
<b>Water solubility</b>	Zero
<b>Viscosity, kinematic</b>	Not applicable
<b>Relative vapor density</b>	Not applicable

### 10. Stability and reactivity

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<b>Materials to avoid</b>	Strong oxidizing agents, Incompatible with acids, Halogenated compounds, finely powdered metals
<b>Hazardous decomposition products</b>	Carbon monoxide in oxygen deficient atmosphere
<b>Hazardous reactions</b>	Hazardous polymerization does not occur.



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Revision 03/16/2016

### 11. Toxicological information

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#### Acute Toxicity

#### Primary irritant effect:

- |                 |                    |
|-----------------|--------------------|
| - On the skin   | No irritant effect |
| - On the eye    | No irritant effect |
| - Sensitization | Unknown            |

#### Additional toxicological information

When used and handled according to specifications, the product does not have any harmful effects

### 12. Ecological information

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<b>Movement</b>	Soil- the product will not migrate, Water- the product will float
<b>Bioaccumulation</b>	Not expected
<b>Degradation</b>	The product is inert and not biodegradable. Due to negligible water solubility, it produces no effects on aquatic environment
<b>Other adverse effects</b>	no data available

### 13. Disposal considerations

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<b>Product</b>	In accordance with local, state and federal regulations.
<b>Contaminated packaging</b>	In accordance with local, state and federal regulations

### 14. Transport information

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DOT (US)	Not applicable
Proper Shipping Name	Not applicable
Hazard Class (DOT)	Not applicable
Packing Group (DOT)	Not applicable

### 15. Regulatory information

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#### SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

### 16. Other information

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#### Further information

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