



Safety Data Sheet

MYCELX HRM Filter Cartridge

Revision 08/07/2015

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

Product Name	MYCELX HRM Filter Cartridge
Product Codes	MD5S5, MD10S5, MD10LD5, MD20S5, MD20LD5, MD30S5, MD40S5, MD40S5222FEC, MD50S5, MD50S5222FEC
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

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 plastic 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

Ingredient	CAS #	Weight Range %
Substrate: Polypropylene	25085-53-4	80-99%
MYCELX®	173967-80-1	1-20%

4. First aid measures

Inhalation	Move to fresh air in case of respiratory irritation. Seek medical attention.
Skin contact	Wash off immediately with soap and plenty of cold water. Seek medical



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Eye contact	attention upon persistent irritation. Rinse thoroughly with plenty of cold water for at least 15 minutes and consult a physician.
Ingestion	Not applicable

5. Firefighting measures

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

6. Accidental release measures

Personal precautions	Use personal protective equipment. Remove all sources of ignition. Do not breathe vapors or spray mist.
Environmental precautions	Should not be released into the environment.
Methods for cleaning up	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

Handling

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

Storage

Requirements for storage areas and containers	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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8. Exposure controls/personal protection

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

9. Physical and chemical properties

Form	Solid
State of matter	Solid
Color	Yellow
Odor	Characteristic
Melting point/range	266°F
Boiling point/boiling range	Not applicable
Specific Gravity	0.90-0.92 @ 25°C
Flash point	Not applicable
Auto ignition temperature	350°C
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapor pressure	Negligible
Density	Not applicable
Water solubility	Negligible
Viscosity, kinematic	Not applicable
Relative vapor density	Not applicable

10. Stability and reactivity

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



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11. Toxicological information

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

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

13. Disposal considerations

Product	In accordance with local, state and federal regulations.
Contaminated packaging	In accordance with local, state and federal regulations

14. Transport information

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

15. Regulatory information

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

Further information

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