

**Safety Data Sheet**  
**W1019W**  
**ECOLAST Oil Filters**

**Section 1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Number:** 51791EC, 51792EC, 51971EC, 51748EC, 51799EC, 57746EC, 57745EC

**Trade Name and Synonyms:** ECOLAST Oil Filters

**Chemical Name and Synonyms:** Not Applicable.

**Product Use:** Vehicle oil filter

**Restrictions on use:** None known

**SDS Date of Preparation:** June 15, 2016

**Details of the supplier of the safety data sheet:**  
MANN+HUMMEL Filtration Technology US LLC  
1 Wix Way  
Gastonia, NC 28054

**Telephone Numbers**  
Product Information: (704) 869-3869  
Emergency Phone: (800) 424-9300 Chemtrec

**Section 2. HAZARD(S) IDENTIFICATION**

**Classification:** Not classified as hazardous under OSHA Hazcom 2012 (29 CFR 1910.1200)

**Labeling:** None required.

**Section 3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical name	CAS No.	Concentration
Cellulose	9004-34-6	Proprietary
Magnesium Oxide	1309-48-4	Proprietary

**The specific identity and/or exact concentration has been withheld as a trade secret.**

**Section 4. FIRST-AID MEASURES**

Contact with the solid filter should not require first aid. Wash hands after handling. If direct contact with dust generated from damaging the filter occurs, the following first aid should be administered

**Eye:** Flush eyes thoroughly with running water. Get medical attention if irritation occurs and persists.

**Skin contact:** Wash with mild soap and water. Seek medical attention if irritation develops.

**Inhalation:** If dust is inhaled, remove to fresh air. Seek medical attention if irritation develops and persists.

**Ingestion:** If swallowed, do not induce vomiting. Rinse mouth with water and drink 1-2 glasses of water. Seek medical attention

**Most important symptoms/effects, acute and delayed:** None expected under normal conditions of use. Dust that may be generated from damaging the filter may cause eye, skin and respiratory irritation.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention is not required.

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**Section 5. FIRE-FIGHTING MEASURES**

**Extinguishing Media:** Use media that is appropriate for the surrounding fire.

**Specific hazards arising from the chemical:** The filter is not flammable or combustible. Filter may burn under fire conditions as an ordinary combustible. Combustion may produce carbon and nitrogen oxides.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers and structures with water.

**Section 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment, and emergency procedures:** Use appropriate protective clothing and equipment during clean-up.

**Environmental hazards:** Report spill as required by local and federal regulations.

**Methods and materials for containment and cleaning up:** If filter is not damaged, pick up and keep for use. If the filter is damaged, collect in a manner that minimizes the generation of airborne dust. Place collected material into suitable containers for disposal.

**Section 7. HANDLING AND STORAGE**

**Precautions for safe handling:** No special handling required. Handle filters in a manner that minimizes the risk of damage. In handling damaged filters, avoid generating and breathing dusts and avoid contact with eyes, skin or clothing. Wash hands after handling filters.

**Conditions for safe storage, including any incompatibilities:** Store in a dry area.

**Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure guidelines:**

Cellulose	10 mg/m <sup>3</sup> TWA ACGIH TLV 5 mg/m <sup>3</sup> TWA (respirable), 15 mg/m <sup>3</sup> TWA (total dust) OSHA PEL
Magnesium oxide	10 mg/m <sup>3</sup> (inhalable) TWA ACGIH TLV 15 mg/m <sup>3</sup> (total particulate) TWA OSHA PEL (as fume)

**Appropriate engineering controls:** No special ventilation required for handling undamaged filters.

**Personal Protective Equipment**

**Respiratory protection:** None required for normal use. For operations where exposures are excessive or irritation is experienced, a NIOSH approved respirator should be used. Respirator selection and use should be

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based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

**Skin protection:** None required for normal handling.

**Eye protection:** None required for normal handling.

<b>Section 9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Appearance (physical state, color, etc.):** White filter media sold as an open cartridge filter or inside a metal can

**Odor:** Not available

<b>Odor threshold:</b> Not applicable	<b>pH:</b> Not applicable
<b>Melting point/freezing point:</b> Not applicable	<b>Boiling point/Range:</b> Not applicable
<b>Flash point:</b> Not applicable	<b>Evaporation rate:</b> Not applicable
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Vapor pressure:</b> Not applicable	<b>Vapor density:</b> Not applicable
<b>Relative density:</b> Not available	<b>Solubility(ies):</b> Insoluble
<b>Partition coefficient: n-ctanol/water:</b> Not applicable	<b>Auto-ignition temperature:</b> Not applicable
<b>Decomposition temperature:</b> Not applicable	<b>Viscosity:</b> Not applicable

<b>Section 10. STABILITY AND REACTIVITY</b>
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**Reactivity:** Not expected to react.

**Chemical stability:** Stable.

**Possibility of hazardous reactions:** None expected under normal use conditions.

**Conditions to avoid:** Avoid extreme heat and open flame.

**Incompatible materials:** Avoid oxidizing agents and acids.

**Hazardous decomposition products:** Thermal decomposition will generate carbon and nitrogen oxides.

<b>Section 11. TOXICOLOGICAL INFORMATION</b>
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**Potential Health Effects:** Handling undamaged filters will not result in adverse effects. The following information pertains to exposure to dust that may be generated in damaging filters.

**Eye:** May cause irritation.

**Skin:** May cause irritation.

**Inhalation:** Dust may cause irritation of the mucous membranes and upper respiratory tract.

**Ingestion:** May cause gastrointestinal irritation.

**Chronic effects:** None known.

**Reproductive Toxicity:** None of the components have been shown to cause reproductive or developmental effects.

**Mutagenic Toxicity:** None of the components have been found to cause mutagenic effects.

**Carcinogenicity:** None of the components are listed as carcinogens by IARC, NTP or OSHA.

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**Acute Toxicity Values:**

Cellulose: No toxicity data available

Magnesium oxide: Oral rat LD50 >2000 mg/kg, Inhalation rat LC50 >2.1 mg/L/4 hr (no mortalities)

<b>Section 12. ECOLOGICAL INFORMATION</b>
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**Ecotoxicity:**

Cellulose: No data available

Magnesium oxide: 96 hr LC50 *Oncorhynchus mykiss* 775.8 mg/L, 48 hr EC50 *daphnia magna* 284.5 mg/L, 72 hr EC50 algae >100 mg/L

**Persistence and degradability:** Biodegradation is not applicable to inorganic substances.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** None known.

<b>Section 13. DISPOSAL CONSIDERATIONS</b>
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Dispose in accordance with all local, state and federal regulations.

<b>Section 14. TRANSPORT INFORMATION</b>
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	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not regulated			
TDG		Not regulated			
IMDG		Not regulated			

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special precautions:** None known

<b>Section 15. REGULATORY INFORMATION</b>
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**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA 103 Reportable Quantity:** This product is not subject to reporting under CERCLA. Many states have more stringent reporting requirements. Report releases as required by all federal, state and local authorities.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Not hazardous

**SARA 313:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

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**Section 302 Extremely Hazardous Substances (TPQ):** None

**California Proposition 65:** This product is not known to contain regulated chemicals.

**EPA Toxic Substances Control Act (TSCA) Status:** This product is a manufactured article and not subject to TSCA.

<b>Section 16. OTHER INFORMATION</b>
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**NFPA Rating:** Health = 0      Flammability = 1      Instability = 0  
**HMIS Rating:** Health = 0      Flammability = 1      Physical Hazard = 0

**SDS Revision History:** Changed manufacturer name from “Wix Filtration Products Division, Affinia Group” to “MANN+HUMMEL Filtration Technology US LLC ”. Changed address from PO Box 1967 Gastonia, NC 28053 to 1 Wix Way Gastonia, NC 28054

**Date of preparation:** June 15, 2016

**Date of last revision:** May 28, 2015

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**Revision History**

<b>Product</b>	<b>Type</b>	<b>Chemical Name</b>	
W1019	ECOLAST Oil Filters	N/A	
<b>Revision</b>	<b>Description</b>	<b>Effective Date</b>	<b>Signed</b>
A	Revised phone number.	2/3/14	Carmen Reich
B	Converted to GHS format	5/28/15	Angela Rath
C	Changed manufacturer name from "Wix Filtration Products Division, Affinia Group" to "MANN+HUMMEL Filtration Technology US LLC". Changed address from PO Box 1967 Gastonia, NC 28053 to 1 Wix Way Gastonia, NC 28054	6/15/2016	Ethan Voss