

**Safety Data Sheet**  
**Product Code**  
**W1027W Generic Cabin Air Filter with Bioshield**

<b>SECTION 1: PRODUCT AND COMPANY IDENTIFICATION</b>
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**Product Number:**

24014	24808	24013	24472	24689	24854	49261
24017	24811	24015	24475	24694	24855	49351
24048	24812	24020	24476	24726	24856	49352
24065	24813	24021	24479	24752	24857	49353
24068	24814	24030	24481	24753	24863	49354
24161	24816	24036	24482	24756	24866	49355
24191	24864	24046	24483	24758	24867	49356
24211	24865	24053	24484	24761	24873	49357
24302	24869	24080	24485	24765	24875	49358
24313	24871	24099	24486	24767	24877	49359
24367	24872	24103	24487	24774	24878	49360
24419	24874	24110	24489	24775	24879	49361
24474	24876	24118	24511	24776	24880	49363
24477	24882	24120	24517	24778	24881	49367
24480	24884	24148	24518	24779	24883	49369
24495	24896	24160	24523	24783	24893	49370
24578	24903	24200	24524	24784	24894	49371
24590	24909	24201	24525	24794	24895	49372
24685	49093	24202	24569	24797	24897	49373
24687	49248	24212	24579	24803	24898	49374
24725	49364	24218	24600	24809	24899	49375
24757	49366	24227	24619	24815	24900	49376
24771	49368	24255	24631	24817	24901	49377
24772	49378	24258	24673	24818	24902	49379
24773	49466	24270	24681	24821	24904	49380
24780	WP10009	24300	24682	24823	24905	49381
24781	WP9354	24322	24683	24826	24906	49382
24805	24007	24329	24684	24827	24907	49525
24806	24010	24400	24686	24829	24908	49585
24807	24012	24439	24688	24853	49101	49700

**Trade Name and Synonyms:** Generic Cabin Air Filter with Bioshield

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

**Chemical Family:** Mixture

**Product Use:** Vehicle Cabin Air Filter

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

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**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: HAZARDS 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 Number	Amount
Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride	27668-52-6	0.75%

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

**SECTION 4: FIRST AID MEASURES**

Contact with the product should not require first aid. Wash hands after handling.

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

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

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

**Swallowed:** If swallowed, do not induce vomiting unless directed by a medical professional. Rinse mouth with water. Seek medical attention.

**Most important symptoms/effects, acute and delayed:** None known.

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

**SECTION 5: FIRE FIGHTING MEASURES**

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

**Specific hazards arising from the chemical:** The product is not flammable or combustible. Product may burn under fire conditions. Combustion may produce carbon and nitrogen oxides and chlorine compounds.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment, and emergency procedures:** None required.

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

**Methods and materials for containment and cleaning up:** Pick up and place into a container for disposal or reuse. Wash hands after handling.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling:** Avoid contact with eyes, skin or clothing. Wash hands after handling.

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

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Chemical Name	Exposure Limits
Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride	None Established

**Appropriate engineering controls:** No special ventilation required.

**Personal Protective Equipment**

**Respiratory Protection:** None required for normal use.

**Skin Protection:** None required for normal handling. Wear rubber gloves for prolonged use.

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

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance (physical state, color, etc.):** White filter with a biocide sprayed and dried on the fabric.

**Odor:** No odor.

<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> Not applicable
<b>Partition coefficient: n-octanol/water:</b> Not applicable	<b>Auto-ignition temperature:</b> Not applicable
<b>Decomposition temperature:</b> Not applicable	<b>Viscosity:</b> Not applicable

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** Not expected to react.

**Chemical stability:** Stable.

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

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

**Incompatible materials:** None known.

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

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Potential Health Effects:** This product is not hazardous. No adverse effects are expected when used as expected.

**Eye:** No adverse effects are expected. Dust from dirty filters may cause mechanical eye irritation.

**Skin:** No adverse effects are expected. Dust from dirty filters may cause mechanical skin irritation.

**Inhalation:** No adverse effects are expected. Dust from dirty filters may cause irritation of the mucous membranes and upper respiratory tract.

**Ingestion:** No effects are expected due to physical form.

**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.

**Acute Toxicity Values:**

**Acute Toxicity Estimate:** Oral >5000 mg/kg, Dermal >2000 mg/kg, Inhalation

Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride: Oral rat LD50 >5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg, Inhalation rat LC50 >2.0 mg/L/1 hr

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride: 96 hr LC50 *Oncorhynchus mykiss* 1.73 mg/L,

**Persistence and degradability:** Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride are soluble but not stable in water and forms an insoluble silane.

**Bioaccumulative potential:** The product is not expected to bioaccumulate.

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

**Other adverse effects:** No adverse environmental effects are expected.

**SECTION 13: DISPOSAL INFORMATION**

Dispose in accordance with all local and national regulations.

**SECTION 14: TRANSPORT INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
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<b>DOT</b>		Not regulated			
<b>TDG</b>		Not regulated			
<b>IMDG</b>		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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**CERCLA 103 Reportable Quantity:** This product is not subject to CERCLA reporting requirements. 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

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

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

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

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

<b>SECTION 16: OTHER INFORMATION</b>
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**NFPA Hazard Rating:** Health: 0      Fire: 1      Instability: 0

**HMIS Hazard Rating:** Health: 0      Fire: 1      Physical Hazard: 0

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**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

The information is believed to be accurate and represents the best information currently available to us. WE MAKE NO WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION. We assume no liability

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resulting from its use. Users should conduct their own investigations to determine the suitability of the information for their own particular application and purpose.

**Revision History**

<b>Product</b>	<b>Type</b>	<b>Chemical Name</b>	
W1027	Cabin Air Filter	BioShield	
<b>Revision</b>	<b>Description</b>	<b>Effective Date</b>	<b>Signed</b>
-	Initial Issue	1/21/14	Carmen Reich
A	Converted to GHS format	5/28/15	Angela Rath
B	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