

**Safety Data Sheet  
W1018W  
Diesel Fuel Additive**

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Number:** WIX 24153

**Trade Name and Synonyms:** Paraffinic Oil with Additives

**Chemical Family:** Mixture

**Product Use:** Diesel Fuel Additive

**Restrictions on use:** Use only as directed

**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:**

<b>Physical</b>	<b>Health</b>
Flammable Liquid Category 3	Aspiration Toxicity Category 1 Skin Irritation Category 2 Eye Irritation Category 2 Specific Target Organ Toxicity Single Exposure Category 3 (Nervous System, Respiratory System) Carcinogen Category 2

**Labeling Elements:**



**Warning!**

**Hazard statement(s)**

Flammable liquid and vapor.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

**Precautionary statement(s)**

**Prevention**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames and

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other ignition sources. No smoking.  
Keep container tightly closed.  
Ground and bond container and receiving equipment  
Use explosion-proof electrical, ventilating and lighting equipment.  
Use non-sparking tools.  
Take action to prevent static discharge.  
Avoid breathing dust, fume, gas, mist, vapors or spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves and eye protection.

**Response**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Ground and bond container and receiving equipment  
Use explosion-proof electrical, ventilating and lighting equipment.  
Use non-sparking tools.  
Take action to prevent static discharge.  
Avoid breathing dust, fume, gas, mist, vapors or spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves and eye protection.

**Storage & Disposal**

Store in a well-ventilated place. Keep cool. Keep container tightly closed.  
Store locked up.  
Dispose of contents and container in accordance with local and national regulations.

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

<b>Chemical name</b>	<b>CAS No.</b>	<b>Concentration</b>
Distillates, petroleum, hydrotreated light	64742-47-8	40-60%
Naphtha, petroleum, heavy aromatic	64742-94-5	20-30%
Ethylene glycol monobutyl ether	111-76-2	5-10%
Naphthalene	91-20-3	1-5%
1,2,4 Trimethylbenzene	95-63-6	1-5%
1,3,5 Trimethylbenzene	108-67-8	1-3%
1,2,3-Trimethylebenzene	526-73-8	1-3%

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

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**SECTION 4. FIRST-AID MEASURES**

**Eye Contact:** Flush eyes thoroughly with running water for several minutes while holding the eyelids open. If irritation develops, get medical attention.

**Skin Contact:** Wash thoroughly with soap and water. Seek medical attention if irritation develops. Launder clothing before reuse.

**Inhaled:** If mists are inhaled, remove to fresh air. If irritation or other symptoms develop, get medical attention.

**Swallowed:** If swallowed, do not induce vomiting. Rinse mouth with water if the person is alert. Never give anything by mouth to an unconscious or drowsy person. If vomiting occurs keep head lower than hips to avoid aspiration. Seek immediate medical attention.

**Most important symptoms/effects, acute and delayed:** Causes eye, skin and respiratory irritation. Inhalation may cause central nervous system effects including such as drowsiness, sleepiness or dizziness. Aspiration during swallowing or vomiting may cause lung damage.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention is required if ingested.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Extinguishing Media:** Use water fog, carbon dioxide (CO<sub>2</sub>), dry chemical, or foam. Do not use straight water stream as that may spread the fire.

**Specific hazards arising from the chemical:** Flammable liquid and vapor. If heated above the flash point this product will release flammable vapors and burn vigorously. Mists and sprays may be flammable at temperatures below the flash point. Vapors are heavier than air and will flow along surfaces to remote ignition sources and flash back. Flammable vapors may collect in low areas. Combustion may produce oxides of carbon and low molecular weight hydrocarbons.

**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:** Eliminate ignition sources and ventilate the area. Use appropriate protective clothing and equipment during clean-up.

**Environmental hazards:** Avoid release into the environment. Report spill as required by local and federal regulations.

**Methods and materials for containment and cleaning up:** Absorb small spills with an inert (non-combustible) absorbent and place in a container for disposal. Contain large spills with sand or earth or other absorbent. Pump liquid into holding tanks. Collect residue with an inert absorbent as described above for small spills.

**SECTION 7. HANDLING AND STORAGE**

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**Precautions for safe handling:** Avoid generating and breathing mists and avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wash thoroughly after handling. Remove and launder contaminated clothing before reuse. Keep product away from heat and all sources of ignition.

Do not cut, drill, grind or weld on or near containers, even empty containers. Empty containers retain product residues can be hazardous.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well-ventilated area away from oxidizers.

<b>SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Exposure guidelines:**

Distillates, petroleum, hydrotreated light	5 mg/m <sup>3</sup> (inhalable) TWA ACGIH TLV 5 mg/m <sup>3</sup> TWA OSHA PEL (as soil mist)
Naphtha, petroleum, heavy aromatic	None Established
Ethylene glycol monobutyl ether	50 ppm skin TWA OSHA PEL 20 ppm skin TWA ACGIH TLV
Naphthalene	10 ppm TWA OSHA PEL 10 ppm TWA (skin) ACGIH TLV
1,2,4 Trimethylbenzene	25 ppm TWA ACGIH TLV
1,3,5 Trimethylbenzene	25 ppm TWA ACGIH TLV
1,2,3-Trimethylebenzene	25 ppm TWA ACGIH TLV

**Appropriate engineering controls:** Use with adequate general or local exhaust ventilation to maintain exposure concentrations below the exposure limits.

**Personal Protective Equipment**

**Respiratory protection:** For operations where the exposure limits are exceeded, a NIOSH approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Skin protection:** Wear neoprene, nitrile or other impervious gloves if needed to avoid contact.

**Eye protection:** Chemical safety glasses or goggles if needed to avoid eye contact.

<b>SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Appearance (physical state, color, etc.):** Amber liquid

**Odor:** Solvent/oil odor

<b>Odor threshold:</b> Not available	<b>pH:</b> Not available
<b>Melting point/freezing point:</b> Not available	<b>Boiling point/Range:</b> Not available
<b>Flash point:</b> 132°F (55.6°C)	<b>Evaporation rate:</b> Not available
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> Not available	<b>UEL:</b> Not available
<b>Vapor pressure:</b> Not available	<b>Vapor density (air =1):</b> Not available

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<b>Relative density:</b> 0.83	<b>Solubility(ies):</b> Negligible
<b>Partition coefficient: n-octanol/water:</b> Not available	<b>Auto-ignition temperature:</b> Not available
<b>Decomposition temperature:</b> Not available	<b>Viscosity:</b> Not available

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity:** May react with oxidizing agents.

**Chemical stability:** Stable.

**Possibility of hazardous reactions:** May react with heat producing heat.

**Conditions to avoid:** Avoid heat, flames and other sources of ignition.

**Incompatible materials:** Avoid contact with strong oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition will generate carbon oxides and low molecular weight hydrocarbons.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Potential Health Effects:**

**Eye:** Causes irritation with redness, tearing and pain.

**Skin:** Causes irritation. Repeated or prolonged skin contact may cause dryness and cracking with possible dermatitis.

**Inhalation:** Inhalation of vapors or mists may cause irritation of the nose, throat and upper respiratory tract. May cause nervous system symptoms effects such as drowsiness, sleepiness or dizziness. Prolonged exposure to high concentrations may cause unconsciousness.

**Ingestion:** Ingestion may cause nausea and diarrhea and damage to the blood, liver and kidneys. Possible aspiration hazard – can enter the lungs during swallowing and cause lung damage.

**Chronic effects:** Repeated overexposure may cause anemia, liver and kidney damage.

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

**Germ Cell Mutagenicity:** None of the components are germ cell mutagens.

**Carcinogenicity:** Naphthalene and cumene are listed by IARC as a suspected carcinogen (group 2B) and NTP as reasonably anticipated to be a carcinogen. None of the other components of this product present at 0.1% or greater are listed as carcinogens by IARC, NTP or OSHA.

**Acute Toxicity Values:** Acute Toxicity Estimate: Oral 6138 mg/kg

Distillates, petroleum, hydrotreated light: Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 >5.28 mg/L/4 hr, Dermal rabbit LD50 >2000 mg/kg

Naphtha, petroleum, heavy aromatic: Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 >5.28 mg/L/4 hr, Dermal rabbit LD50 >2000 mg/kg

Ethylene glycol monobutyl ether: Oral rat LD50 1414 mg/kg, Inhalation rat LC50 >3.9 mg/L, Dermal rabbit LD50 >2000 mg/kg

Naphthalene: Oral rat LD50 533 mg/kg, Inhalation rat LC0 0.4 mg/L (highest attainable concentration), Dermal rat LC50 >2500 mg/kg

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1,2,4 Trimethylbenzene: Oral rat LD50 6000 mg/kg, Inhalation rat LC50 >4.69 mg/L/4 hr, Dermal rat LD50 3440 mg/kg  
 1,3,5 Trimethylbenzene: Oral rat LD50 6000 mg/kg, Inhalation rat LC50 10.2 mg/L/4 hr, Dermal rat LD50 >2000 mg/kg  
 1,2,3 Trimethylbenzene: Oral rat LD50 6000 mg/kg, Inhalation rat LC50 10.2 mg/L/4 hr, Dermal rat LD50 >2000 mg/kg

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Distillates, petroleum, hydrotreated light: 96 hr LL50 Oncorhynchus mykiss 2 mg/L, 48 hr LL50 daphnia magna 1.4 mg/L, 72 hr EL50 Pseudokirchnerella subcapitata 1 mg/L  
 Naphtha, petroleum, heavy aromatic: 96 hr LL50 Oncorhynchus mykiss 2 mg/L, 48 hr LL50 daphnia magna 1.4 mg/L, 72 hr EL50 Pseudokirchnerella subcapitata 1 mg/L  
 Ethylene glycol monobutyl ether: 96 hr LC50 Oncorhynchus mykiss 1474 mg/L, 48 hr LL50 daphnia magna 1550 mg/L, 72 hr EC Pseudokirchnerella subcapitata 911 mg/L  
 Naphthalene: 96 hr LC50 Pimephales promelas 6.08 mg/L, 48 hr EC50 daphnia magna 2.16 mg/L  
 1,2,4 Trimethylbenzene: 96 hr LC50 Pimephales promelas 7.72 mg/L, 48 hr LC50 daphnia magna 3.6 mg/L, 96 hr EC50 green algae 2.356 mg/L  
 1,3,5 Trimethylbenzene: 96 hr LC50 fish 5.12 mg/L, 48 hr LC50 daphnia sp, 3.628 mg/L, 96 hr EC50 green algae 3.191 mg/L  
 1,2,3 Trimethylbenzenes: 96 hr LC50 fish 5.12 mg/L, 48 hr LC50 daphnia sp, 3.628 mg/L, 96 hr EC50 green algae 3.191 mg/L

**Persistence and degradability:** Distillates, petroleum, hydrotreated light and naphtha, petroleum, heavy aromatic are not readily biodegradable. Ethylene glycol monobutyl ether is readily biodegradable.

**Bioaccumulative potential:** This product has the potential to bioaccumulate.

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

**Other adverse effects:** None known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all local, state and federal regulations.

**SECTION 14. TRANSPORT INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
<b>DOT</b>		Excepted for Hazmat (49 CFR 173.150(f))			
<b>TDG</b>		Excepted from Regulation (Section 1.33)			
<b>IMDG</b>	UN1268	Petroleum Distillates	3	PGIII	

**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

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**SECTION 15. REGULATORY INFORMATION**

**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA 103 Reportable Quantity:** The Reportable Quantity for this product is 2,000 lbs. based on the RQ of naphthalene present at 5% maximum. In addition, oils spills to the navigable waters of the US are reportable to the national response center. 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:** Acute Health, Chronic Health, Fire Hazard

**SARA 313:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements:

Glycol Ether (Ethylene Glycol Monobutyl Ether)	111-76-2	5-10%
Naphthalene	91-20-3	1-5%
1,2,4 Trimethylbenzene	95-63-6	1-5%

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

**California Proposition 65:** This product contains chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory.

**Canadian CEPA:** All the components of this product are listed on the Canadian DSL.

**European Inventory of Existing Commercial Chemical Substances (EINECS):** All of the ingredients are listed on the EINECS inventory.

**SECTION 16. OTHER INFORMATION**

**NFPA Rating:** Health = 2      Flammability = 2      Instability = 0  
**HMIS Rating:** Health = 2\*      Flammability = 2      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:** January 11, 2016

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.



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**Revision History**

<b>Product</b>	<b>Type</b>	<b>Chemical Name</b>	
W1018	Diesel Fuel Additive	Paraffinic Oil with Additives	
<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 – All Sections revised	5/26/15	Angela Rath
C	Section 2 Classification, Labeling Elements, Section 3 Composition, Section 5 Specific hazards arising from the chemical, Section 8 Exposure limits, Section 9 Appearance, Vapor density, Section 10 Hazardous decomposition products, Section 11 Potential Health Effects Eyes, Acute Toxicity Values, Section 12 Ecotoxicity, Section 15 CERCLA, SARA 313, Canadian CEPA, EU EINECS.	1/11/16	Angela Rath
D	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