

Safety Data Sheet
W1014W
No-Toil Biodegradable Foam Filter Cleaner Aerosol

Section 1 PRODUCT AND COMPANY IDENTIFICATION

Product Number: WIX 24339, NT-202

Trade Name and Synonyms: No-Toil Biodegradable Foam Filter Oil Aerosol

Chemical Family: Mixture

Product Use: Filter Cleaner

Restrictions on use: Use only as directed

SDS Date of Preparation: June 15, 2016

Manufacturer

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:

Physical	Health
Flammable Aerosol Category 1 Gas Under Pressure – Compressed Gas	Eye Irritation Category 2A Specific Target Organ Toxicity Single Exposure Category 3 (Nervous System)

Labeling:



Warning!

Hazard statement(s)

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing mist, vapors or spray
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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Call a POISON CENTER or doctor if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122 F.
Store locked up. Store in a well-ventilated place.
Dispose of contents and container in accordance with local and national regulations.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Polymerized Fatty Acid	Proprietary	25-50%
Alcohol	Proprietary	10-25%
Liquefied Petroleum Gas	Proprietary	10-25%

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

Section 4. FIRST-AID MEASURES

Eye Contact: Flush eyes thoroughly with running water for several minutes while holding the eyelids open. If symptoms occur and persist, seek 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 unless directed to do so by a medical professional. Rinse mouth with water if the person is alert. Never give anything by mouth to an unconscious or drowsy person. Seek medical attention.

Most important symptoms/effects, acute and delayed: Causes eye irritation. May cause skin irritation. Prolonged skin contact may cause drying of the skin. Inhalation of vapors or mists may cause irritation to the upper respiratory tract and central nervous system effects.

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

Section 5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray or fog, carbon dioxide (CO₂), dry chemical, or alcohol foam.

Specific hazards arising from the chemical: Extremely flammable aerosol. Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Vapors are heavier than air and will flow

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along surfaces to remote ignition sources and flash back. Flammable vapors may collect in low areas. Combustion may produce carbon 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. . Use shielding to protect against bursting containers.

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. . Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated.

Section 7. HANDLING AND STORAGE

Precautions for safe handling: Avoid 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. Contents under pressure. Do not puncture or incinerate container.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated area away from oxidizers. Store at temperatures below 120°F.

NFPA 30B: Level 1 Aerosol

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Polymerized Fatty Acid	None Established
Alcohol	200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL
Liquefied Petroleum Gas	1000 ppm TWA OSHA PEL

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 vinyl, latex, nitrile or other impervious gloves if needed to avoid contact.

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

Section 9. PHYSICAL AND CHEMICAL PROPERTIES
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Appearance (physical state, color, etc.): Red liquid packaged as a spray aerosol.

Odor: Slight alcohol odor

Odor threshold: Not available	pH: Not available
Melting point/freezing point: Not available	Boiling point/Range: Not available
Flash point: 53°F (12°C) (alcohol)	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: 2.0% (alcohol)	UEL: 12.7% (alcohol)
Vapor pressure: Not available	Vapor density (air =1): Not available
Relative density: 0.789 (concentrate)	Solubility(ies): Not available
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not available

Section 10. STABILITY AND REACTIVITY

Reactivity: Not expected to react.

Chemical stability: Stable.

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

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

Incompatible materials: Avoid contact with strong oxidizing agents, acids, chlorine, acetaldehyde, ethylene oxide, and isocyanates. Do not use with aluminum equipment. Do not use at temperatures above 120°F.

Hazardous decomposition products: Thermal decomposition will generate carbon oxides.

Section 11. TOXICOLOGICAL INFORMATION
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Potential Health Effects:

Eye: May cause irritation with burning, tearing, redness and swelling.

Skin: May cause mild 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. High vapor concentrations may cause nausea, headache, weakness, and nervous system symptoms such as drowsiness, sleepiness or dizziness. Prolonged exposure to high concentrations may cause unconsciousness.

Ingestion: Low toxicity for small quantities. Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea, impaired coordination, central nervous system depression, respiratory depression, low blood pressure, mild liver effects, and pulmonary edema.

Chronic effects: None known.

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

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Carcinogenicity: None of the components of this product present at 0.1% or greater are listed as carcinogens by IARC, NTP or OSHA.

Acute Toxicity Values:

Polymerized Fatty Acid: Oral rat LD50 >5000 mg/L

Alcohol: Oral rat LD50 5840 mg/kg, Inhalation rat LC50 24 .5 mg/L/6 hr, Dermal rabbit 12874 mg/kg

Liquefied Petroleum Gas: Inhalation mouse LC50 540,000 ppm/2 hr

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Polymerized Fatty Acid: 96 hr LC50 Danio rerio >350 mg/L, 48 hr EL50 >1000 mg/L, 72 hr EL50

Pseudokirchnerella subcapitata 1000 mg/L

Alcohol: 96 hr LD50 Pimephales promelas 10,000 mg/L, 24 hr LC50 daphnia magna 10,000 mg/L

Liquefied Petroleum Gas: 96 hr LC50 fish 147.54 mg/kg, 48 hr EC50 daphnia magna 16.33 mg/kg, 72 hr EC50 algae 11.89 mg/L

Persistence and degradability: Alcohol is readily biodegradable. Polymerized Fatty Acid is not readily biodegradable.

Bioaccumulative potential: Alcohol has a BCF of 3 which suggests the potential for bioaccumulation is low.

Mobility in soil: Alcohol is highly mobile in soil.

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
DOT	UN1950	Aerosols	2.1	None	
TDG	UN1950	Aerosols	2.1	None	
IMDG	UN1950	Aerosols	2.1	None	

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

Section 15. REGULATORY INFORMATION

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.

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SARA TITLE III:

Hazard Category for Section 311/312: Acute health, Fire Hazard, Pressure Hazard

SARA 313: 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: All of the components of this product are listed on the TSCA inventory.

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

Section 16. OTHER INFORMATION

NFPA Rating: Health = 2 Flammability = 4 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: May 21, 2016

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Revision History

Product	Type	Chemical Name	
W1014	NT-202	No-Toil Biodegradable Foam Filter Cleaner Aerosol	
Revision	Description	Effective Date	Signed
A	Revised phone number. Altered section 3 to give a range of concentration instead of a minimum:	6/25/2014	Carmen Reich
B	Converted to GHS Format –All Sections revised	6/28/15	Angela Rath
C	Section 3 Composition, Section 4 Extinguishing Media, Section 9 Physical and Chemical Properties	5/21/16	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	6/15/16	Ethan Voss