

Safety Data Sheet
W1012N
No-Toil Biodegradable Foam Filter Cleaner

Section 1 PRODUCT AND COMPANY IDENTIFICATION

Product Number: NAPA 4335, NAPA PS4335, NT-201 / NT-218

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

Chemical Family: Mixture

Product Use: Filter Cleaner

Restrictions on use: Use only as directed

SDS Date of Preparation: August 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:

Physical	Health
Flammable Liquid Category 2	Eye Irritation Category 2 Specific Target Organ Toxicity Single Exposure Category 3 (Nervous System)

Labeling:



Warning!

Hazard statement(s)

Highly flammable liquid and vapor.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary statement(s)

Keep away from heat, sparks, open flames, and hot surfaces.
No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment
Use explosion-proof electrical, ventilating and lighting
equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist, vapors or spray.

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Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and eye protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
Call a POISON CENTER or doctor if you feel unwell.
In case of fire: Use water spray or fog, carbon dioxide, dry chemical, or alcohol foam to extinguish.
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

Chemical name	CAS No.	Concentration
Isopropanol	67-83-0	20-30%
C-18 Unsaturated Fatty Acid Dimers	61788-89-4	60-80%

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. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Section 5. FIRE-FIGHTING MEASURES
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Extinguishing Media: Use water spray or fog, carbon dioxide (CO₂), dry chemical, or alcohol foam. Do not use straight water stream as that may spread the fire.

Specific hazards arising from the chemical: Flammable liquid and vapor. 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 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.

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.

Empty containers retain residues and may be hazardous. Do not flame cut, weld, braze, grind etc. on or near empty containers. They may explode and cause injury or death.

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

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Isopropanol	200 ppm TWA, 400 ppm STEL ACGIH TLV
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	400 ppm STEL OSHA PEL
C-18 Unsaturated Fatty Acid Dimers	None Established

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.

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

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Red-colored liquid

Odor: Slight alcohol odor

Odor threshold: Not available	pH: Not available
Melting point/freezing point: Not available	Boiling point/Range: 180.0°F (82.2°C)
Flash point: 68°F (20°C)	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: 2.0% (isopropanol)	UEL: 12.7% (isopropanol)
Vapor pressure: 33.00 mmHg	Vapor density (air =1): 2.07
Relative density: 0.789	Solubility(ies): Not available
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not applicable

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 at temperatures above 120°F.

Hazardous decomposition products: Thermal decomposition will generate carbon oxides.

Section 11. TOXICOLOGICAL INFORMATION

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

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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.

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:

Acute Toxicity Estimate for the Product: Oral LD50: >5000 mg/kg, Dermal LD50: >2000 mg/kg
Isopropanol: Oral rat LD50 5840 mg/kg, Inhalation rat LC50 24 .5 mg/L/6 hr, Dermal rabbit 12874 mg/kg
C-18 Unsaturated Fatty Acid Dimers: Oral rat LD50 >5000 mg/L

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Isopropanol: 96 hr LD50 Pimephales promelas 10,000 mg/L, 24 hr LC50 daphnia magna 10,000 mg/L
C-18 Unsaturated Fatty Acid Dimers: 96 hr LC50 Danio rerio >350 mg/L, 48 hr EL50 >1000 mg/L, 72 hr EL50 Pseudokirchnerella subcapitata 1000 mg/L

Persistence and degradability: Isopropanol is readily biodegradable.

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

Mobility in soil: Isopropanol 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	UN1219	Isopropanol Solution	3	PGII	
TDG	UN1219	Isopropanol Solution	3	PGII	
IMDG	UN1219	Isopropanol Solution	3	PGII	

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: 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: Acute health

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 = 3 Instability = 0
HMIS Rating: Health = 2 Flammability = 3 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: August 15, 2016

Date of last revision: May 21, 2016

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Revision History

Product	Type	Chemical Name	
W1012	NT-201 / NT-218	No-Toil Biodegradable Foam Filter Cleaner	
Revision	Description	Effective Date	Signed
A	Revised phone number. Adjusted Isopropanol (24%) and C-18 Unsaturated Fatty Acid Dimers (70%) to have a range that would equal 100%. Revised section 15 from having 24% Isopropanol of Section 313 Toxic Chemicals to having none.	6/20/2014	Carmen Reich
B	Added part number 4335	2/16/15	Carmen Reich
C	Converted to GHS format – All Sections revised	5/26/15	Angela Rath
D	Section 3 Concentration, Section 9 Evaporation Rate, Section 15 Hazard Category for Section 311/312	5/21/16	Angela Rath
E	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