



SAFETY DATA SHEET

1. Product And Company Identification

SDS ID: SDS600
PRODUCT NAME: Fram® High Mileage Oil Filter With TRT
PRODUCT NUMBER: FHM10060, FHM10060S, FHM16, FHM16S, FHM2, FHM2870A, FHM2870AS, FHM2951, FHM2951S, FHM2S, FHM30, FHM30S, FHM3387A, FHM3387AS, FHM3506, FHM3506S, FHM3593A, FHM3593AS, FHM3600, FHM3600S, FHM3614S, FHM3614, FHM3675S, FHM3675, FHM3682S, FHM3682, FHM3976A, FHM3980S, FHM3980, FHM3985, FHM43S, FHM43, FHM4386S, FHM4386, FHM4967, FHM4967S, FHM5, FHM5S, FHM7317, FHM7317S, FHM8A, FHM8AS, FHM9688, FHM9688S, FHM9837, FHM9837S

FORMULA NUMBER: GT4967

MANUFACTURER:

US Office:

FRAM Group Operations LLC
Perrysburg, OH 43551

Canadian Office

FRAM Group (Canada), Inc.
Mississauga, Ontario L5L 3S6

MEDICAL EMERGENCIES AND ALL OTHER INFORMATION PHONE NUMBER:

(800)890-2075 (in the US)

(800)668-9349 (in Canada)

TRANSPORTATION EMERGENCY PHONE NUMBER (Chemical Spills and Transport Accidents only):

CHEMTREC 1-800-424-9300 (in the US)

CANUTEC (613)996-6666 (in Canada)

SDS DATE OF PREPARATION/REVISION: 08/08/2014

PRODUCT USE: Automobile oil filter with additive gel – consumer product

2. Hazards Identification

GHS/HAZCOM 2012 Classification:

This product is a manufactured article (Automobile oil filter) containing an additive gel. No adverse effects are expected with normal handling of the metal filter. Contact with the gel may cause adverse effects and are classified as follows:

Health	Physical
Not Hazardous	Not Hazardous

Label Elements: None

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Proprietary Additives	Proprietary	>99%
Diphenylamine	122-39-4	0.1-0.9%

The exact concentrations are a trade secret.



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4. First Aid Measures

INHALATION: If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash all affected and exposed areas with soap and water. If skin irritation or redness develops, seek medical attention.

EYE CONTACT: Exposed eyes should be flushed with copious amounts of water. If irritation persists, seek medical attention.

INGESTION: If gel is swallowed, do not induce vomiting. Get medical assistance by calling an emergency room or poison control center. If medical advice cannot be obtained, take the person and product to the nearest medical emergency treatment center or hospital. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Never give anything by mouth to a person who is unconscious or drowsy.

MOST IMPORTANT SYMPTOMS: Direct contact with the gel may cause eye irritation. Prolonged contact with the gel may cause mild skin irritation. Accidental ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NEEDED: None known.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and clinical conditions. A serious potential effect is aspiration pneumonitis, which may lead to non-cardiogenic pulmonary edema. The patient should be observed for signs of lung injury if aspiration is suspected.

5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: Use carbon dioxide, foam, or dry chemical. Water may be ineffective as oil will float on the surface and burn. Cool fire exposed filters with water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: The gel will burn under fire conditions or if heated above the flashpoint. Burning may produce carbon monoxide, carbon dioxide, smoke, aldehydes, oxides of nitrogen and hydrocarbons.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear appropriate protective clothing and equipment (See Section 8).

METHODS AND MATERIALS FOR CONTAINMENT/CLEANUP: Pick up filters and place in a container for re-use or disposal. Collect released gel, if applicable, using suitable absorbent materials and place into an appropriate container for disposal.



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7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Filter contains petroleum oil gel. Avoid contact with the eyes. Avoid prolonged contact with skin and clothing. Avoid breathing vapors and mists from heated gel. Use with adequate ventilation. Wash exposed skin with soap and water after use.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in a cool, dry area away from incompatible materials.

NFPA CLASSIFICATION: III B

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Proprietary Additives (as mineral oil mist)	5 mg/m ³ TWA ACGIH TLV (Inhaleable) 5 mg/m ³ TWA OSHA PEL
Diphenylamine	10 mg/m ³ TWA ACGIH TLV

APPROPRIATE ENGINEERING CONTROLS: General ventilation should be adequate for all normal use. For operations where the TLV may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None under normal use conditions. For operations where the occupational exposure limits may be exceeded, an approved respirator with an organic vapor cartridge and a dust/mist prefilter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with applicable regulations and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

GLOVES: None under normal use conditions. Impervious gloves such as neoprene or nitrile are recommended for operations which may result in prolonged or repeated skin contact with gel.

EYE PROTECTION: None under normal use conditions. Safety glasses are recommended if needed to avoid eye contact with gel.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Appropriate protective clothing as needed to minimize skin contact. Suitable washing and eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

9. Physical and Chemical Properties
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APPEARANCE:	Dark colored gel in a metal filter	ODOR:	Mild
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ODOR THRESHOLD:	Not determined	pH:	Not determined
MELTING/FREEZING POINT:	Not determined	BOILING POINT/RANGE:	Not determined
FLASH POINT:	>302°F (150°C) PMCC (minimum)	EVAPORATION RATE:	Not determined
FLAMMABILITY (SOLID, GAS)	Not applicable	FLAMMABILITY LIMITS:	LEL: Not determined UEL: Not determined
VAPOR PRESSURE:	Not determined	VAPOR DENSITY:	Not determined
RELATIVE DENSITY:	0.9	SOLUBILITIES	Water: Insoluble
PARTITION COEFFICIENT (n-octanol/water)	Not determined	AUTOIGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not determined	VISCOSITY (Cst @ 68°F):	Not determined

10. Stability and Reactivity

REACTIVITY: Normally unreactive.

CHEMICAL STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Keep away from excessive heat and open flames.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, halogens and halogenated compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will produce carbon monoxide, carbon dioxide, smoke, aldehydes, oxides of nitrogen, and hydrocarbons.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Inhalation of product is not expected under normal product use. Inhalation of vapors or mists from heated gel may cause irritation of the nose and throat and upper respiratory system.

SKIN CONTACT: Direct contact with gel may cause mild skin irritation. Prolonged or repeated contact may cause dermatitis.

EYE CONTACT: Direct contact with gel may cause mild eye irritation with redness and tearing.

INGESTION: Swallowing gel may cause gastrointestinal disturbances including irritation, abdominal pain, belching, nausea, vomiting, frequent loose stools and diarrhea.



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CHRONIC HAZARDS: Prolonged or repeated skin contact may cause irritation. Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals. Diphenylamine has been found to cause adverse effects on the developing fetus in some animal studies.

CARCINOGENICITY LISTING: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or the EU Directive. All the oils in this product have been demonstrated to contain less than 3% DMSO extractable by the IP 346 test. Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.

Acute Toxicity Values:

Toxicity values for the gel product: LD50 Oral Rat >5000 mg/kg
LD50 Skin Rabbits >2000 mg/kg.

Diphenylamine: LD50 Oral Rat >800 mg/kg

12. Ecological Information

ECOTOXICITY:

Gel product: LC50 fish >1000 mg/L
EC50 daphnia 100-1000 mg/L
EC50 for bacteria is >1000 mg/L

Diphenylamine: EC50: Daphnia Magna: 2 mg/L/48 hr.
EC50: Algae: 2.17 mg/L/72 hr.

PERSISTENCE AND DEGRADABILITY:

Gel product: At least 25% of the components in the product gel show moderate biodegradability in OECD 301 and at least 25% show limited biodegradation in OECD 302.

Diphenylamine: Not readily biodegradable.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS: None known

13. Disposal Considerations

Dispose of product in accordance with all local, state/provincial and federal regulations.



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14. Transport Information

U.S. DOT HAZARD CLASSIFICATION

PROPER SHIPPING NAME: Not Regulated

TECHNICAL NAME: None

UN NUMBER: None

HAZARD CLASS/PACKING GROUP: None

LABELS REQUIRED: None

IMDG CODE SHIPPING CLASSIFICATION

DESCRIPTION: Not Regulated

ID NUMBER: None

HAZARD CLASS: None

PACKING GROUP: None

LABELS REQUIRED: None

PLACARDS REQUIRED: None

15. Regulatory Information

EPA SARA 311/312 HAZARD CLASSIFICATION: None.

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

PROTECTION OF STRATOSPHERIC OZONE: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements, however, oil spills are reported to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65: This product does not contain substances known to the State of California to cause Cancer and/or Reproductive Harm.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the ingredients are listed on the Canadian Domestic Substances List.

CANADIAN WHMIS CLASSIFICATION: Not a controlled product.

CANADIAN WHMIS HAZARD SYMBOLS: None



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This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): All of the ingredients are listed on the EINECS or ELINCS inventory.

EUROPEAN LABELING: None Required

AUSTRALIA: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

JAPAN: All of the ingredients of this product are listed on the Japanese Existing and New Chemical Substances (MITI) List.

KOREA: All of the ingredients of this product are listed on the Korean Existing Chemicals List (KECL).

CHINA: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

PHILIPPINES: All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

16. Other Information

NFPA Rating: Fire: 1 Health: 0 Instability: 0

Revision Summary: All Sections – conversion to Hazcom 2012 classification and labeling and format.

SDS Date of Preparation/Revision: August 8, 2014

Disclaimer of Liability:

The information contained herein is based on the data available to us and, is to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we assume no liability for damages incurred by use of this material. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist. Users of this product should satisfy themselves that the conditions and methods of use assure the product is used safely. No representatives or warranties, either expressed or implied, or any nature are made hereunder with respect to the information contained within. It is the responsibility of the user to comply with ant and all federal, state or local laws and regulations that may exist. Nothing contained herein is to be construed as a recommendation for use in violation of any applicable laws or regulations.

Consult Fram Group 1-800-890-2075 for further information.