
Mercury Chemical Corporation

MATERIAL SAFETY DATA

SECTION 1: PRODUCT IDENTIFICATION

Material Name (Trade Name): MercoPel F

Product Code # FCFC-052

Manufacturer: Mercury Chemical Corporation

Chemical Name: Fluoroalkyl acrylate copolymer, emulsifiers

Chemical Family: Oil and soil repellent

Emergency Telephone Numbers: (336) 226-9152

MSDS Number: 001

Effective Date: 9/7/07

Revision #: 001

SECTION 2: INGREDIENTS

<u>Material/CAS</u>	<u>%</u>	<u>Health Hazard Data</u>
Proprietary Emulsifier/ Trade Secret		1.1
<u>Non-Hazardous Ingredients:</u>		
Water/7732-18-5	58.0	
Fluoroalkyl acrylate copolymer, emulsifiers/trade secret	32.8	
Tripropylene Glycol/24800-44-0	8.1	

EMERGENCY PHONE: (336) 226-9152

Mercury Chemical Corporation, P. O. Box 2773, Burlington, NC 27216-2773

SECTION 3: PHYSICAL DATA

Boiling Point: ~100 degree C
Solubility in Water: Miscible
Vapor Pressure: N/D
Vapor Density: N/D
% Volatile by Weight: 60
pH: (neat) : 3.0-7.0
Appearance/Odor: Milkish liquid, sweetish odor

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (F): Non-flammable
Flammable Limits (%): None
Extinguishing Media: Water, alcohol, foam, CO₂, or dry chemical

Special Firefighting Procedures:

Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards:

Toxic by products including hydrofluoric acid may be formed at very high temperatures.

SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID

Toxicology:

Exposure Standards: Not known

Signs and Symptoms of Exposure:

Contact with the eyes and skin causes irritation and redness.

Prolonged exposures to vapors may be irritating to nose, throat and respiratory tract producing symptoms of dizziness, headache and nausea.

FIRST AID

Eye Contact:

Immediately flush eyes with copious quantities of water for a minimum of fifteen (15) minutes. Use fingers to separate eyelids to assure that the eyes are being irrigated. Process should begin within one minute of eye contact. Call a physician.

Skin Contact:

Wash exposed skin with copious quantities of soapy water. Remove all contaminated clothing and wash before re-use

Inhalation:

Remove to fresh air. If breathing impaired, assisted respiration (mouth to mouth) may be indicated as well as supplemental oxygen. Seek medical attention.

Ingestion:

If swallowed, call a physician immediately. Induce vomiting or Remove stomach contents by gastric suction only as directed by medical personnel. Never give anything by mouth to mouth an unconscious person.

SECTION 6: REACTIVITY DATA

Stability: stable

Conditions to Avoid:

Incompatibility (Materials to Avoid): Sodium magnesium aluminum at elevated temperature above 425 degree C

Hazardous Decomposition or By-Products: Thermal decomposition may produce toxic material including hydrofluoric acid.

Hazardous Polymerization: Will not occur.

SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case material is released or spilled:

Waste Disposal Method:

Dispose in approved landfill. Comply with all federal, state and local regulations.

Precautions to be taken when handling and storing:

Keep away from oxidizers, heat or flames. Keep in a cool, dry ventilated storage and in closed containers. Avoid contact with skin, eyes and clothing.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection:

Keep container closed. Avoid prolonged breathing of vapors or mists. In poorly ventilated areas, masks of the cartridge type (NIOSH) approved for organic vapors are recommended. Generally, respiratory protection is unnecessary provided there is adequate ventilation.

Eye Protection:

Chemical safety goggles to be used when working with mists, dust or liquids.

Other Protective Clothing and Equipment:

**Eye wash stations readily accessible
Safety shower
Long sleeved clothing**

Work and Hygienic Practices:

Wash at the end of each workshift and before eating, smoking or using the toilet. Change work clothing daily before leaving the work place.

SECTION 9: SPECIAL PRECAUTIONS & HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Keep container closed.

SECTION 10: REGULATORY INFORMATION

Federal EPA

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act of 1980 requires notification to the National Response Center for release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
Proprietary Emulsifier/ Trade Secret		1.1
<u>Non-Hazardous Ingredients:</u>		
Water/7732-18-5		58.0
Fluoroalkyl acrylate copolymer, emulsifiers/trade secret		32.8
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SARA Title III: Superfund Amendments and Reauthorization Act of 1986 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
Proprietary Emulsifier/		

Trade Secret	1.1
<u>Non-Hazardous Ingredients:</u>	
Water/7732-18-5	58.0
Fluoroalkyl acrylate copolymer, emulsifiers/trade secret	32.8
Tripropylene Glycol/24800-44-0	8.1

Sara Title III: Superfund Amendments and Reauthorization Act of 1986 requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on reportable quantities (RQs) in 40 CFR 355.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
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<u>Non-Hazardous Ingredients:</u>		
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Tripropylene Glycol/24800-44-0		8.1

TSCA: Toxic Substances Control Act status: The ingredients of this product are on the TSCA inventory.

State Right-To-Know

CALIFORNIA Proposition 65 (reportable materials): NONE

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
Proprietary Emulsifier/ Trade Secret		1.1
<u>Non-Hazardous Ingredients:</u>		
Water/7732-18-5		58.0
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Tripropylene Glycol/24800-44-0		8.1

MASSACHUSETTS Right-To-Know, Substance Inventory (MSL) lists hazardous substances and extraordinarily hazardous substances which must be identified when present in products. (>=0.0001%)

Components present in this product at a level which could require reporting

under this statute are:

Extraordinarily Hazardous Substances

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
Proprietary Emulsifier/ Trade Secret		1.1
<u>Non-Hazardous Ingredients:</u>		
Water/7732-18-5		58.0
Fluoroalkyl acrylate copolymer, emulsifiers/trade secret		32.8
Tripropylene Glycol/24800-44-0		8.1

Other Hazardous Substances

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
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<u>Non-Hazardous Ingredients:</u>		
Water/7732-18-5		58.0
Fluoroalkyl acrylate copolymer, emulsifiers/trade secret		32.8
Tripropylene Glycol/24800-44-0		8.1

PENNSYLVANIA Right-To-Know, Hazardous Substances Inventory lists hazardous substances and special hazardous substances which must be identified when present in products.

Components present in this product at a level which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
Proprietary Emulsifier/ Trade Secret		1.1
<u>Non-Hazardous Ingredients:</u>		
Water/7732-18-5		58.0
Fluoroalkyl acrylate copolymer, emulsifiers/trade secret		32.8
Tripropylene Glycol/24800-44-0		8.1

NEW JERSEY Worker and Community Right-To-Know Act Hazardous Substance Inventory lists hazardous components present in this product which could require reporting under this statute are:

<u>Material</u>	<u>CAS#</u>	<u>Concentration (%)</u>
Proprietary Emulsifier/		

Trade Secret	1.1
<u>Non-Hazardous Ingredients:</u>	
Water/7732-18-5	58.0
Fluoroalkyl acrylate copolymer, emulsifiers/trade secret	32.8
Tripropylene Glycol/24800-44-0	8.1

SECTION 11: TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

DOT Exceptions and Additional Labels Required:

Other Labeling Information:

Reportable Quantity:

Freight Class: 55

The information contained herein is based on the data available to us and is believed to be correct. However, MERCURY CHEMICAL CORPORATION makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. MERCURY CHEMICAL CORPORATION assumes no responsibility for injury from the use of the product described herein.
