1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name  
FPRM9D

Other means of identification

Synonyms  
None

Recommended use of the chemical and restrictions on use

Recommended Use  
Flash point testing equipment performance verification reference material

Uses advised against  
No information available

Supplier’s details

Supplier Address  
Cannon Instrument Company  
2139 High Tech Rd.  
State College, PA 16803-1733  
TEL: (814) 353-8000; (800) 676-6232

Emergency telephone number

Emergency Telephone  
(800) 255-3924 Domestic CHEM-TEL Inc.  
+1 (613) 248-0585 Overseas CHEM-TEL Inc. (Please Call Collect)

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous according to the criteria set within the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico’s NMX-R-019-SC-2011.

Not classified

Label Elements

Signal Word  
None

Physical and Health Hazards Not Otherwise Classified  
Not applicable.

Precautionary Statements

Prevention  
• None

General Advice
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
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</thead>
<tbody>
<tr>
<td>1-Dodecene, trimer, hydrogenated</td>
<td>151006-62-1</td>
<td>50-80</td>
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<td>-</td>
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<tr>
<td>1-Dodecene, homopolymer, hydrogenated</td>
<td>151006-63-2</td>
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</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**Description of necessary first-aid measures**

**Eye Contact**
Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation persists.

**Skin Contact**
Wash off with warm water and soap. Get medical attention if symptoms occur.

**Inhalation**
Get medical attention. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion**
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Get medical attention.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects**
Irritation.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**
No information available.

**Explosion Data**
- Sensitivity to Mechanical Impact: None.
- Sensitivity to Static Discharge: None.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Avoid contact with skin, eyes and clothing. Refer to Section 8 for personal protective equipment.

Environmental Precautions

Environmental Precautions
Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up
Dam up. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Precautions for safe handling

Handling
Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use.

Conditions for safe storage, including any incompatibilities

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products
Strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines
This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin and Body Protection
Long sleeved clothing. Protective gloves.

Respiratory Protection
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties
### Physical State
- Liquid.

### Odor
- Faint hydrocarbon.

### Appearance
- Colorless.

### Odor Threshold
- No information available.

### Property
- **pH**: No data available
- **Melting Point/Range**: No data available
- **Boiling Point/Boiling Range**: >260 °C
- **Flash Point**: > 246 °C
- **Evaporation rate**: No data available
- **Flammability (solid, gas)**: No data available
- **Flammability Limits in Air**
  - upper flammability limit: No data available
  - lower flammability limit: No data available
- **Vapor Pressure**: No data available
- **Vapor Density**: No data available
- **Relative Density**: No data available
- **Specific Gravity**: 0.84 at 15 °C
- **Water Solubility**: Insoluble in water.
- **Solubility in other solvents**: Soluble in solvents.
- **Partition coefficient: n-octanol/water**: No data available
- **Autoignition Temperature**: No data available
- **Decomposition Temperature**: No data available
- **Viscosity**: 38 cSt @ 40°C

### Flammable Properties
- Not flammable

### Explosive Properties
- No data available

### Oxidizing Properties
- No data available

### Other information
- **VOC Content (%)**: No data available

### 10. STABILITY AND REACTIVITY

**Reactivity**
- Not reactive under normal conditions.

**Chemical stability**
- Stable under recommended storage conditions.

**Possibility of hazardous reactions**
- None under normal processing.

**Hazardous Polymerization**
- Hazardous polymerization does not occur.

**Conditions to avoid**
- Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible materials**
- Strong oxidizing agents.

**Hazardous decomposition products**
- Carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**
- **Inhalation**: Inhalation of mist may cause irritation to the respiratory system.
- **Eye Contact**: Contact with eyes may cause irritation.
- **Skin Contact**: May cause skin irritation and/or dermatitis. Repeated or prolonged contact may cause localized dermal effects including contact dermatitis, dry skin, or rash.
- **Ingestion**: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Numerical measures of toxicity - Product**
Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
None under normal use.

Delayed and immediate effects and also chronic effects from short and long term exposure

Respiratory or Skin Sensitization
No information available.

Germ Cell Mutagenicity
No information available.

Carcinogenicity
Contains no ingredients above reportable quantities listed as a carcinogen.

Reproductive Toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration Hazard
No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated.

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Mobility
No information available.

Other Adverse Effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
Dispose of in accordance with local regulations.

Contaminated Packaging
Do not re-use empty containers.

14. TRANSPORT INFORMATION

Note:
The information provided below may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional requirements and mode-specific, material-specific, or quantity-specific shipping requirements.

DOT
Not regulated

TDG
Not regulated

MEX
Not regulated

IATA
Not regulated.

IMDG/IMO
Not regulated.

15. REGULATORY INFORMATION

International Regulations

Ozone depleting substances
Not applicable

Persistent Organic Pollutants
Not applicable
Hazardous Waste  
The Rotterdam Convention (Prior Informed Consent)  
International Convention for the Prevention of Pollution from Ships (MARPOL)  

Not applicable

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Compliance</th>
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<tbody>
<tr>
<td>TSCA</td>
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<td>DSL</td>
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<td>EINECS</td>
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<td>AICS</td>
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</table>

Legend

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
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<tbody>
<tr>
<td>Acute Health Hazard</td>
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<tr>
<td>Chronic Health Hazard</td>
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</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
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</table>

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

U.S. EPA Label Information

EPA Pesticide Registration Number  Not applicable
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
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<tr>
<th>HMIS</th>
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<th>Flammability</th>
<th>Physical Hazard</th>
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Prepared By: Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501  
Issuing Date: 27-Jul-2017  
Revision Date: 27-Jul-2017  
Revision Note: Initial Release.

General Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet