



Safety Data Sheet

FT705 Diffusion Pump Fluid

1. IDENTIFICATION

1.1 Product identifiers Product name : Diffusion Pump Fluid

Product Number : FT705

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Company Identification

Fil-Tech, Inc.

6 Pinckney St.

Boston, MA 01224

617-227-1133

2. HAZARDS IDENTIFICATION



2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Caution - substance not yet tested completely.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Ingredient	% Weight	CAS No	Hazard class	Risk phrase
Pentaphenyl trimethyl trisiloxane	>90%	3390-61-2	Not applicable	R52, R53

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Aldrich - 85426

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Containers which are

opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end uses

no data available

- f) Initial boiling point and boiling range no data available
 - g) Flash point no data available
 - h) Evaporation rate no data available
 - i) Flammability (solid, gas) no data available
 - j) Upper/lower flammability or explosive limits no data available
 - k) Vapour pressure no data available
 - l) Vapour density no data available
 - m) Relative density no data available
 - n) Water solubility no data available
- 9.2 Other safety information no data available
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10. STABILITY AND REACTIVITY

- 10.1 Reactivity no data available
 - 10.2 Chemical stability no data available
 - 10.3 Possibility of hazardous reactions no data available
 - 10.4 Conditions to avoid no data available
 - 10.5 Incompatible materials Strong oxidizing agents
 - 10.6 Hazardous decomposition products
Other decomposition products - no data available
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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Acute toxicity no data available
 - Skin corrosion/irritation no data available
 - Serious eye damage/eye irritation no data available
 - Respiratory or skin sensitization no data available
 - Germ cell mutagenicity no data available
 - Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 - Reproductive toxicity no data available
 - Specific target organ toxicity - single exposure no data available
 - Specific target organ toxicity - repeated exposure no data available
 - Aspiration hazard no data available
 - Potential health effects
 - Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
 - Ingestion May be harmful if swallowed.
 - Skin May be harmful if absorbed through skin. May cause skin irritation.
 - Eyes May cause eye irritation.
 - Additional Information RTECS: Not available
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12. ECOLOGICAL INFORMATION

- 12.1 Toxicity no data available

- 12.2 Persistence and degradability no data available
12.3 Bioaccumulative potential no data available
12.4 Mobility in soil no data available
12.5 Results of PBT and vPvB assessment no data available
12.6 Other adverse effects no data available
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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging Dispose of as unused product.

14. TRANSPORT INFORMATION

- 14.1 UN number ADR/RID: - IMDG: - IATA: -
14.2 UN proper shipping name
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods
14.3 Transport hazard class(es) ADR/RID: - IMDG: - IATA: -
14.4 Packaging group ADR/RID: - IMDG: - IATA: -
14.5 Environmental hazards
ADR/RID: no IMDG Marine pollutant: no IATA: no
14.6 Special precautions for user no data available
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15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture no data available
15.2 Chemical Safety Assessment no data available
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16. OTHER INFORMATION

REVISION DATE 06.01.2018
REV. NO./REPL. SDS
GENERATED
SAFETY DATA SHEET STATUS
Approved.
DATE 06.01.2018