

SECTION-1: Identification of the substance / mixture and the company / undertaking

Catalogue Number	CS-T-103012
Product Name	PFOS/PFOA Mixture-13C8 (2 ug/mL in Methanol)
CAS No.	2265893-05-6 + 1350614-84-4
Category	Stable Isotopes
Synonyms	PFOS/PFOA Mixture-13C8
Brand	Clearsynth Labs Ltd.
Identified uses	Laboratory Chemicals
Uses advised against	Not available
Company	Clearsynth Labs Ltd. Mumbai, India
Emergency Phone #	+91-22-245045900
REACH No.	Not available

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email sales@clearsynth.com for more details.

2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

2.2 Label Elements

Signal Word: Not available

Not available

Hazard Statement(s)

Code	Statement
Not available	Not available

Precautionary Statement(s)

Code	Statement
Not available	Not available

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : PFOS/PFOA Mixture-13C8 (2 ug/mL in Methanol)

CAS Number : 2265893-05-6 + 1350614-84-4

Molecular Formula : $C_{13}H_{16}F_{32}O_5S$

Molecular Weight : 930.08

Parent Chemical : -

Synonyms : PFOS/PFOA Mixture-13C8

Concentration : Not available

SECTION 4: First aid measures

SECTION 4: First-aid measures

4.1 Description of first aid measures

- General advice: Remove contaminated clothing and shoes. Seek medical attention if symptoms persist or if exposure is significant.
- Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.
- Skin contact: Wash with plenty of soap and water. Seek medical attention if irritation develops or persists.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.
- Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Not available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically. No data available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide.
- Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

- Fire hazard: Flammable liquid/solvent mixture due to methanol content.
- Hazardous combustion products: Carbon oxides; other decomposition products not available.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Prevent fire-fighting water from entering drains or waterways.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate unnecessary personnel. Ensure adequate ventilation.

- Avoid breathing vapors/mist and avoid contact with skin and eyes.
- Wear appropriate PPE (see Section 8).

6.2 Environmental precautions

- Prevent entry into sewers, surface waters, and soil.
- PFAS components may be persistent; avoid environmental release.

6.3 Methods and material for containment and cleaning up

- Contain spill with inert absorbent (e.g., sand, silica gel, universal binder).
- Collect into suitable, labeled containers for disposal.
- Clean spill area with compatible solvent/detergent as appropriate; avoid generating aerosols.

6.4 Reference to other sections

- See Section 8 for exposure controls/personal protection and Section 13 for disposal considerations.

SECTION-7: Handling and storage

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Handle in a fume hood or well-ventilated area.
- Avoid breathing vapors/mist. Avoid contact with skin, eyes, and clothing.
- Keep away from heat, sparks, open flames, and hot surfaces.
- Use non-sparking tools and take measures to prevent static discharge.
- Wash hands thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Store tightly closed in original container in a cool, dry, well-ventilated place.
- Store away from ignition sources.
- Incompatibilities: Not available (methanol is generally incompatible with strong oxidizers).

7.3 Specific end use(s)

- Laboratory/research use. Not for food, drug, or household use.

SECTION 8: Exposure controls / personal protection

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Occupational exposure limits: Not available for the mixture. Component limits (e.g., methanol) not provided.

8.2 Exposure controls

- Engineering controls: Use local exhaust ventilation/fume hood.
- Personal protective equipment (PPE):
 - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
 - Skin protection: Chemical-resistant gloves (material selection dependent on use conditions; not available).
 - Body protection: Lab coat or protective clothing.
 - Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection. Specific selection not available.
- Hygiene measures: Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.

- Environmental exposure controls: Avoid release to the environment; use secondary containment where appropriate.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

SECTION 10: Stability and reactivity

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10.1 Reactivity

- No data available.

10.2 Chemical stability

- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

- No data available.

10.4 Conditions to avoid

- Heat, sparks, open flames, and other ignition sources.
- Incompatible materials (see 10.5).

10.5 Incompatible materials

- Not available (methanol is generally incompatible with strong oxidizing agents).

10.6 Hazardous decomposition products

- Carbon oxides; other decomposition products not available.

SECTION 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: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

SECTION 12: Ecological information

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12.1 Toxicity

- No data available for the mixture.

12.2 Persistence and degradability

- No data available. PFAS components may be persistent.

12.3 Bioaccumulative potential

- No data available.

12.4 Mobility in soil

- No data available.

12.5 Results of PBT and vPvB assessment

- Not available.

12.6 Endocrine disrupting properties

- Not available.

12.7 Other adverse effects

- Avoid environmental release. No data available.

SECTION 13: Disposal considerations

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13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Treat as hazardous chemical waste due to methanol content and presence of PFAS components.
- Do not discharge to drains.
- Contaminated packaging: Dispose of as unused product unless thoroughly cleaned.
- Waste codes: Not available.

SECTION 14: Transport information

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- UN number: Not available.
- UN proper shipping name: Not available.
- Transport hazard class(es): Not available.
- Packing group: Not available.
- Environmental hazards: Not available.
- Special precautions for user: Not available.
- Transport in bulk according to IMO instruments: Not available.

SECTION 15: Regulatory information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Not available.

15.2 Chemical safety assessment

- No data available.

SECTION 16: Other information

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- CAS no.: 2265893-05-6 + 1350614-84-4
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

Disclaimer:

- The information provided is based on available product information and is intended for SDS purposes. Data not available has been indicated as such. Users are responsible for determining suitability and complying with applicable regulations.

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