INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY

DEPARTMENT OF CHEMISTRY

ANALYSIS REQUEST FORM AND SAFETY DATA SHEET - 500 MHz NMR

Name of the user:	Name of Guide/PI:
Email Contact No:	Email:
Name of the Institute/Organization:	Contact No.
Address:	
User Type: IITB / External (University/Nation	onal Lab/R&D/Industry
1. Sample Information:	
 Sample Code/Name:	
2. Details of Analysis Required:	
a) Liquid-State NMR	
• Solvent Required (CDCl₃, DMSO-de	₆ , etc.):
• NMR Experiments Required (¹ H, ¹³)	C, DEPT, HSQC, HMBC, etc.):
Temperature Variation (if required)	

• 1	Minimum Sample Requirement: 15-20 mg (solubility dependent)
b) Solid	-State 1D NMR (¹H NMR is not possible in solid-state mode)
•	Nuclei of Interest (e.g., ¹³ C, ³¹ P, ²⁹ Si, etc.):
• 1	Required Spectral Range (ppm):
• 1	Minimum Sample Requirement: 150-200 mg of finely powdered material
c) Speci	al Experiments (if required):
• '	Variable Temperature Experiments (Specify Temp.):
- -	
3. Sam	ple Characteristics:
•	Moisture Content: Present / Absent / Not Applicable
• :	Sample Type: Organic / Inorganic / Magnetic / Non-Magnetic / Other (Specify):
•	Physical Properties: Carcinogenic (Specify Level:) / Non-Carcinogenic /
ĺ	Radioactive / Explosive / Toxic / Corrosive / Flammable / Non-Flammable / Other
((Specify:)
• !	Stability: Stable at Room Temperature / Hygroscopic / Sublimes / Reactive to Air /
1	Moisture / Light / Heat
•	Toxicity Level: Non-Toxic / Mildly Toxic / Highly Toxic
4. Heal	th and Safety Information:
•	Potential Hazards: Yes / No (If Yes, specify: Irritant to Skin / Eyes / Harmful to Skin /
	Toxic if Inhaled / Ingested)
•	Precautions for Handling:

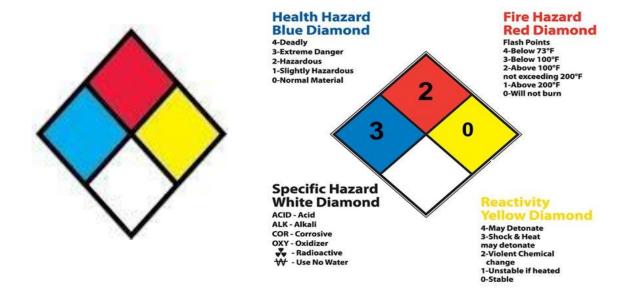
•	Symptoms of Exposure: Difficulty in Breathing / Skin Reddening / Eye Irritation /	
	Vomiting / Dizziness / Headache / Unconsciousness / Other (Specify:	_)
•	First Aid Measures:	
•	Sample Disposal Method:	

5. Sample Handling Policy:

- All samples must be properly labelled with hazard classification.
- Samples will be discarded within 7 days of analysis.
- Users must arrange for sample collection if required, as the NMR lab will not dispatch samples.

6. Additional Information:

NFPA Hazard Diamond (If MSDS Available): Fill in the appropriate values.



7. MSDS Declaration:

I certify that the submitted samples are for research purposes only, and the provided information is accurate to the best of my knowledge. I understand that I am responsible for any consequences arising from incorrect information provided in Sections 3 & 4.

I agree to acknowledge DST and the Department of Chemistry, IIT Bombay, for providing the 500 MHz Solid-State NMR facility in any related publications. I will also share publication details (journal name, volume, author names, issue date, etc.) at choffice@chem.iitb.ac.in.

I declare that the content of this report is for internal use only and will not be used for advertisement, evidence, litigation, or certification purposes.

I accept that all reports (soft/hard copies) will not bear any official signatures, seals, or stamps from the Department of Chemistry, IIT Bombay.

Signature of the User

Signature of the In-Charge/HOD/PI with Seal/Stamp

Date: _____