

Project Type:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Contract / Toll Manufacturing | <input type="checkbox"/> Material Procurement |
| <input checked="" type="checkbox"/> Scale Up / Piloting | <input type="checkbox"/> Other : |
| <input type="checkbox"/> Research & Development | |

Are you willing to co-invest capital?

- Yes No

Sector:

- | | |
|--|---|
| <input type="checkbox"/> Agrochemical | <input type="checkbox"/> Performance |
| <input type="checkbox"/> Pharmaceuticals | <input type="checkbox"/> CASE |
| <input type="checkbox"/> Personal Care | <input checked="" type="checkbox"/> Industrial |
| <input type="checkbox"/> Electronics | <input checked="" type="checkbox"/> Fuel Oil/Lube Additives |
| <input type="checkbox"/> Renewable/Green | <input type="checkbox"/> Other : |

Raw Materials:

- I will source materials You will source materials Combination sourcing

Ethylene dichloride 98% - supplied by requester
ammonium hydroxide 30%
THF
brine solution

Professional Certifications:

- | | | |
|---|------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> ChemStewards® | <input type="checkbox"/> ISO 9001 | <input type="checkbox"/> cGMP |
| <input type="checkbox"/> Responsible Care® | <input type="checkbox"/> ISO 14001 | <input type="checkbox"/> Other : |

Process/Technology Type:

Amination

Unit Operations/Equipment:

Purification through solvent extraction and distillation of different components.

Specialized equipment needs: Hastelloy or glass lined reactors and distillation columns

Analytical equipment needs:

Equipment material of construction:

Operating Conditions:

Temperature range: 100-130C

Pressure range: 230-275 psi

Viscosity range:

[Insert any other relevant information]

Processing Volumes:

R&D:

Pilot:

Commercial: 81 Mt/month

Q2

2024

Packaging Type:

Drum/Tote Supersack ISO/tank truck Other :

Delivery & Transportation:

Domestic International Road Rail Sea Air

Storage Conditions:

Ambient Blanketing required Other :

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