

Project Code: xyz

Phase of Molecule: Phase -01

Tech Transfer Type: Addendum

## **PRD**

- 1.Holding Study Report**
- 2.COAs**
- 3.R&D Optimization Report**
- 4.MSDS**

## **ARD**

- 1.Raw Material**
- 2.Method Validation**
- 3.Transfer Protocol & Report**
- 4.Intermediate Specification**

## **PE**

- 1.Equipment Justification**
- 2.Protocols MSDS Summary**
- 3.Process Flow**
- 4.Material Balance Sheet**

## MSDS Summary Details:

Acetone MSDS/SDS Summary:

### 1. Identification:

- **Product Name:** Acetone
- **Chemical Formula:**  $\text{CH}_3\text{COCH}_3$
- **CAS Number:** 67-64-1
- **Synonyms:** Dimethyl ketone, Propanone

### 2. Hazards Identification:

- **Classification:** Flammable liquid (Category 2), Eye irritant (Category 2), Narcotic effects (Category 3)
- **GHS Signal Word:** Danger
- **Hazard Statements:** Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.

### 3. Composition/Information on Ingredients:

- Acetone is the primary component

### 4. First Aid Measures:

- In case of inhalation, move the person to fresh air.
- In case of contact with eyes, rinse cautiously with water for several minutes.
- If swallowed, seek medical attention immediately.

### 5. Firefighting Measures:

- Use appropriate extinguishing media (foam, carbon dioxide, dry chemical).
- Keep containers cool to prevent pressure build-up and possible bursting.

### 6. Accidental Release Measures:

- Ventilate the area. Absorb spilled material with an inert absorbent.
- Avoid sparks, flames, heat, and smoking during cleanup.