

## Chemical Safety Data Sheet MSDS / SDS

## CPI-1205

Revision Date:2026-04-26 Revision Number:1

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

**Product identifier**

Product name : CPI-1205  
CBnumber : CB33145567  
CAS : 1621862-70-1  
Synonyms : CPI-1205,1205

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

Relevant identified uses : For R&D use only. Not for medicinal, household or other use.  
Uses advised against : none

**Company Identification**

Company : Chemicalbook  
Address : Building 1, Huihuang International, Shangdi 10th Street, Haidian District, Beijing  
Telephone : 010-86108875

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## SECTION 2: Hazards identification

**GHS Label elements, including precautionary statements**

Symbol(GHS) : No data available  
Signal word : No data available

**Precautionary statements**

No data available

**Hazard statements**

No data available

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## SECTION 3: Composition/information on ingredients

**Substance**

Product name : CPI-1205  
Synonyms : CPI-1205,1205  
CAS : 1621862-70-1  
MF : C27H33F3N4O3

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## SECTION 4: First aid measures

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## SECTION 5: Firefighting measures

### 5.1 Suitable Extinguishing

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

#### Media

Use water spray to cool fire-exposed containers.

### Unsuitable Extinguishing

A solid water stream may be inefficient.

#### Media

### 5.2 Flammable Properties and

No data available.

#### Hazards

No data available.

#### Flash Pt

No data.

#### Explosive Limits

LEL: No data. UEL: No data.

#### Autoignition Pt

No data.

equivalent), and full protective gear to prevent contact with skin and eyes.

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## SECTION 6: Accidental release measures

### 6.1

Protective Precautions, Avoid raising and breathing dust, and provide adequate ventilation.

Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator,

Emergency Procedures: and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

### 6.2

Environmental Take steps to avoid release into the environment, if safe to do so.

Precautions:

### 6.3

Methods and Material For Contain spill and collect, as appropriate.

Containment and Cleaning Transfer to a chemical waste container for disposal in accordance with local regulations.

Up:

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## SECTION 7: Handling and storage

### 7.2

Precautions To Be Taken Keep container tightly closed.

in Storing: Store in accordance with information listed on the product insert.

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## SECTION 8: Exposure controls/personal protection

|     |          |             |              |        |
|-----|----------|-------------|--------------|--------|
| 8.1 | Exposure | Parameters: |              |        |
|     |          |             | Multi-region | format |

| 8.2                        | Exposure Controls:    |                                                                                                       |
|----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------|
| 8.2.1 Engineering Controls |                       | Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne  |
|                            | (Ventilation etc.):   | levels below recommended exposure limits.                                                             |
|                            | Eye Protection:       | Safety glasses                                                                                        |
|                            | Protective Gloves:    | Compatible chemical-resistant gloves                                                                  |
|                            | Respiratory Equipment | NIOSH approved respirator, as conditions warrant.                                                     |
|                            | ce Practices:         | Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. |

### Eye protection

Safety glasses

Protective Gloves: Compatible chemical-resistant gloves

Other Protective Clothing: Lab coat

Respiratory Equipment NIOSH approved respirator, as conditions warrant.

(Specify Type):

Work/Hygienic/MaintenanDo not take internally.

ce Practices: Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower.

Wash thoroughly after handling.

No data available.

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## SECTION 9: Physical and chemical properties

## Information on basic physicochemical properties

s: [ ] Gas [ ] Liquid [ X ] Solid

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### pH

No data.

### Evaporation Rate

No data.

### Flammability

(solid, gas): No data available.

### Vapor Pressure

(vs. Air or mm No data.

### Vapor Density

(vs. Air = 1): No data.

## SOLUBILITY

in Water: No data.

## SOLUBILITY

Notes: Solubility in: DMSO;

Octanol/Water Partition No data.

Coefficient:

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.

### 9.2 Other Information

Percent Volatile: No data.

Molecular Formula & Weight: C<sub>27</sub>H<sub>33</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub> 518.6

Multi-region format

CPI-1205

Revision: 10/01/2017

## Boiling point or initial boiling point and boiling range

692.5±55.0 °C(Predicted)

## Density and/or relative density

1.31±0.1 g/cm<sup>3</sup>(Predicted)

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## SECTION 10: Stability and reactivity

### Polymerization

Will occur [ ] Will not occur [ X ]

#### 10.4 Conditions To Avoid

No data available.

#### 10.5 Incompatibility - Materials

strong acids

#### To Avoid

strong bases

#### 10.6 Hazardous

carbon dioxide

#### Decomposition or Byproducts

carbon monoxide hydrogen fluoride nitrogen oxides

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## SECTION 11: Toxicological information

### Toxicological Effects

| CAS #        | Hazardous Components (Chemical Name) | NTP  | IARC | ACGIH | OSHA |
|--------------|--------------------------------------|------|------|-------|------|
| 1621862-70-1 | CPI-1205                             | n.a. | n.a. | n.a.  | n.a. |

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## SECTION 12: Ecological information

|      |                         |  |                                                                 |  |  |  |  |  |  |
|------|-------------------------|--|-----------------------------------------------------------------|--|--|--|--|--|--|
| 12.1 | Toxicity:               |  | Avoid release into the environment.                             |  |  |  |  |  |  |
|      |                         |  | Runoff from fire control or dilution water may cause pollution. |  |  |  |  |  |  |
| 12.2 | Persistence and         |  | No data available.                                              |  |  |  |  |  |  |
|      | Degradability:          |  |                                                                 |  |  |  |  |  |  |
| 12.3 | Bioaccumulative         |  | No data available.                                              |  |  |  |  |  |  |
|      | Potential:              |  |                                                                 |  |  |  |  |  |  |
| 12.4 | Mobility in Soil:       |  | No data available.                                              |  |  |  |  |  |  |
| 12.5 | Results of PBT and vPvB |  | No data available.                                              |  |  |  |  |  |  |
|      | assessment:             |  |                                                                 |  |  |  |  |  |  |
| 12.6 | Other adverse effects:  |  | No data available.                                              |  |  |  |  |  |  |

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## SECTION 13: Disposal considerations

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## SECTION 14: Transport information

## DOT

Not dangerous goods.

## DOT

Hazard Class

### ADR/RID Shipping Name UN Number Hazard Class

Environmentally hazardous substances, solid, n.o.s.

3077 Packing Group: III 9 - CLASS 9

CPI-1205

## Revision

10/01/2017

### ICAO/IATA Shipping Name UN Number Hazard Class

Environmentally hazardous substances, solid, n.o.s.

3077 Packing Group: III 9 - CLASS 9 IATA Classification: 9

## Additional Transport

Transport in accordance with local, state, and federal regulations.

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## SECTION 15: Regulatory information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS #        | Hazardous Components (Chemical Name) | S. 302 (EHS)                                              | S. 304 RQ | S. 313 (TRI) |
|--------------|--------------------------------------|-----------------------------------------------------------|-----------|--------------|
| 1621862-70-1 | CPI-1205                             | No                                                        | No        | No           |
| CAS #        | Hazardous Components (Chemical Name) | Other US EPA or State Lists                               |           |              |
| 1621862-70-1 | CPI-1205                             | CAA HAP, ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No |           |              |

## Regulatory Information

This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC)

## Statement

No.1272/2008.

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## SECTION 16: Other information

### Abbreviations and acronyms

CAS: Chemical Abstracts Service

TWA: Time-Weighted Average

STEL: Short-Term Exposure Limit

LD50: Lethal Dose 50%

LC50: Lethal Concentration 50%

EC50: Effective Concentration 50%

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

DOT: US Department of Transportation

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

**Disclaimer:**

The information in this MSDS is only applicable to the specified product, unless otherwise specified, it is not applicable to the mixture of this product and other substances. This MSDS only provides information on the safety of the product for those who have received the appropriate professional training for the user of the product. Users of this MSDS must make independent judgments on the applicability of this SDS. The authors of this MSDS will not be held responsible for any harm caused by the use of this MSDS.