



# SAFETY DATA SHEET

Date Revised: Aug 17, 2022

## SECTION 1: Product and Company Identification

**Product Name:** JC-1

**Catalog Number:** J4001

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS Classification**

**Signal word** None

**Hazard pictogram** None

**Health hazards** Not Hazardous

**Physical hazards** Not Hazardous

**Environmental hazards** Not Hazardous

**Hazard statements** None

**Precautionary statements**

**Prevention** Not Applicable

**Response** Not Applicable

**Storage** Not Applicable

**Disposal** Not Applicable

**Other hazards** Not Applicable

**HMIS Classification**

**Health hazard:** 0

**Flammability:** 0

**Reactivity:** 0

## SECTION 3: Composition/information on ingredients



The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

## **SECTION 4: First aid measures**

### **In case of skin contact**

Rinse skin with water. Immediate medical attention is not required.

### **In case of eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### **If inhaled**

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

### **If ingested**

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

### **Notes to Physician**

Treat symptomatically.

### **Most important symptoms and effects, both acute and delayed**

Not Applicable

### **Indication of any immediate medical attention and special treatment needed**

None.

## **SECTION 5: Firefighting measures**

### **Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

### **Unsuitable extinguishing media**

No information available.

### **Special hazards arising from the substance or mixture**

Not known

### **Protective equipment and precautions for firefighters**

Standard procedure for chemical fires.

## **SECTION 6: Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment



See section 8 for more information

#### **Environmental precautions**

No special environmental precautions required.

#### **Methods and materials for containment and cleaning up**

Take up mechanically, placing in appropriate containers for disposal.

#### **Reference to other sections**

See section 8 for more information.

## **SECTION 7: Handling and storage**

#### **Precautions for safe handling**

Use personal protective equipment as required. No special handling advices are necessary.

#### **Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

#### **Storage Conditions**

Store at room temperature and protect from light.

#### **Specific end use(s)**

For research use only.

## **SECTION 8: Exposure controls/personal protection**

#### **Control parameters**

#### **Exposure Limits**

Contains no substances with occupational exposure limit values.

#### **Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

#### **Exposure controls**

#### **Personal protective equipment**

#### **Hand protection**

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

#### **Respiratory protection**

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards..

#### **Eye protection**

Tight sealing safety goggles.

#### **Skin and Body Protection**

Wear suitable protective clothing.

#### **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice

#### **Environmental exposure controls**

No special environmental precautions required.

## **SECTION 9: Physical and chemical properties**

|               |      |
|---------------|------|
| Chemical Name | JC-1 |
|---------------|------|

|                                       |                          |
|---------------------------------------|--------------------------|
| Appearance                            | Powder                   |
| Odor                                  | No information available |
| Odor threshold                        | No information available |
| Molecular Weight                      | No information available |
| Melting point/melting range           | No information available |
| Boiling point/boiling range           | No information available |
| Flash point                           | No information available |
| Evaporate rate                        | No information available |
| Flammability (solid, gas)             | No information available |
| Upper explosion limit                 | No information available |
| Lower explosion limit                 | No information available |
| Vapor pressure                        | No information available |
| Vapor density                         | No information available |
| Relative density                      | No information available |
| Specific gravity                      | No information available |
| Solubility                            | No information available |
| Partition coefficient:n-octanol/water | No information available |
| Auto-ignition temperature             | No information available |
| Decomposition temperature             | No information available |
| Viscosity                             | No information available |
| Explosive properties                  | No information available |
| Oxidizing properties                  | No information available |
| Other information                     | No information available |

## SECTION 10: Stability and reactivity

|                                    |                                                             |
|------------------------------------|-------------------------------------------------------------|
| Reactivity                         | None known.                                                 |
| Chemical stability                 | Stable under recommended storage conditions.                |
| Possibility of hazardous reactions | Hazardous reaction has not been reported.                   |
| Conditions to avoid                | No information available                                    |
| Incompatible materials             | No dangerous reaction known under conditions of normal use. |
| Hazardous decomposition products   | No information available.                                   |

## SECTION 11: Toxicological information

|                                                                  |                                                           |
|------------------------------------------------------------------|-----------------------------------------------------------|
| <b>Information on toxicological effects</b>                      | There is no evidence available indicating acute toxicity. |
| <b>Principal Routes of Exposure</b>                              |                                                           |
| <b>Acute toxicity</b>                                            | Data are conclusive but insufficient for classification.  |
| <b>Skin corrosion/irritation</b>                                 | Data are conclusive but insufficient for classification   |
| <b>Serious eye damage/irritation</b>                             | Data are conclusive but insufficient for classification   |
| <b>Respiratory or skin sensitization</b>                         | Data are conclusive but insufficient for classification   |
| <b>Specific target organ toxicity (STOT) – single exposure</b>   | Data are conclusive but insufficient for classification   |
| <b>Specific target organ toxicity (STOT) – repeated exposure</b> | Data are conclusive but insufficient for classification   |
| <b>Carcinogenicity</b>                                           | Data are conclusive but insufficient for classification   |
| <b>Germ cell mutagenicity</b>                                    | Data are conclusive but insufficient for classification   |
| <b>Reproductive toxicity</b>                                     | Data are conclusive but insufficient for classification   |
| <b>Aspiration hazard</b>                                         | Data are conclusive but insufficient for classification   |

## SECTION 12: Ecological information

|                                           |                                                                                                                    |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                        | Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. |
| <b>Mobility in soil</b>                   | No information available.                                                                                          |
| <b>Persistence and degradability</b>      | No information available.                                                                                          |
| <b>Bioaccumulative potential</b>          | No information available.                                                                                          |
| <b>Results of PBT and vPvB assessment</b> | This mixture does not contain any substances that are assessed to be a PBT or a vPvB.                              |
| <b>Other adverse effects</b>              | No information available.                                                                                          |

## SECTION 13: Disposal considerations

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

## SECTION 14: Transport information

|                                   |                                                       |
|-----------------------------------|-------------------------------------------------------|
| <b>IATA / ADR / DOT-US / IMDG</b> | Not regulated in the meaning of transport regulations |
|-----------------------------------|-------------------------------------------------------|



|                                                                          |                |
|--------------------------------------------------------------------------|----------------|
| UN number                                                                | Not Applicable |
| UN proper shipping name                                                  | Not Applicable |
| Transport hazard class(es)                                               | Not Applicable |
| Packing group                                                            | Not Applicable |
| Environmental hazards                                                    | Not Applicable |
| Special precautions for user                                             | Not Applicable |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code |                |
| Not Applicable.                                                          |                |

## SECTION 15: Regulatory information

### US Federal Regulations

#### SARA 313

This product is not regulated by SARA.

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs

### US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

#### National Regulations – Brazil

Not regulated

## SECTION 16: Other information

Reason for revision

SDS sections updated

Version no. 2

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. UElandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.