

*Allucid, inc.*

1-1, Bengong 5th Rd., Gangshan, Kaohsiung, Taiwan 82059

Tel: +886-7-624-3737

<http://www.allucid.com>

## Safety Data Sheet

### 9-PHA

#### Section 1 - Chemical Product and Company Identification

**Trade Name:** 9-PHA

**Suggested use:** Photoinitiator

**Restriction:** Do not use in food

**Company Identification:** Allucid, inc.

**Address of Manufacturer/Supplier:** 1-1, Bengong 5th Road, Gangshan Kaohsiung, Taiwan 82059

**Name and Telephone Number for Inquiry:** Eric H. T. Chen +886-7-624-3737

**Emergency Phone No.:** +886-7-634-3737    **Fax:** +886-7-624-3736

#### Section 2 - Hazards Identification

##### Classification of the GHS

**Physical Hazards:** Not classified

**Health Hazards:** Not classified

**Environmental Hazards:** Not classified

##### GHS label elements

##### Pictograms or hazard symbols:



**Signal word:** Warning

**Hazard statement:** Contact with skin may cause skin irritation, to devour the harmful

**Precautionary statements:** Avoid contact with eyes, skin or clothing  
Work place to eat, drink or smoking is not allowed  
Wear protective gloves, wear protective clothing

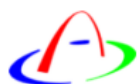
#### Section 3 - Composition, Information on Ingredients

**Chemical Name:** 9-Phenylacridine

**Molecular formula:** C<sub>19</sub>H<sub>13</sub>N

**CAS No.:** 602-56-2

**EINECS/ELINCS:** 210-020-3



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#### Section 4 - First Aid Measures

**Skin contact:** Wipe off excess material from skin then immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get Medical attention.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lung. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### Section 5 - Fire Fighting Measures

**Suitable extinguishing media:** Dry chemical, foam, water spray, carbon dioxide.

**Specific hazards:** Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

**Specific methods:** Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

#### Section 6 - Accidental Release Measures

**Personal precautions:** Wear appropriate personal protective equipment, including appropriate respiratory protection to ventilate contaminated area.

**Environmental precautions:** Contain spill if possible. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

**Clean-up procedures:** Wipe up or absorb on suitable material and shove up.

#### Section 7 - Handling and Storage

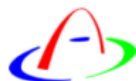
**Handling requirements:** In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact.

**Storage conditions:** Keep container tightly closed in cool condition when not in use and during transport.

#### Section 8 - Exposure Controls, Personal Protection

**Engineering measures:** Safety shower and eye bath. Mechanical exhaust required.

**General hygiene measures:** Wash thoroughly after handling.



**Personal protective equipment:** Do not breathe dust.  
**Hand Protection:** Wear suitable gloves resistant to chemical penetration.  
**Eye Protection:** Chemical goggles or safety goggles safety glasses.

#### Section 9 - Physical and Chemical Properties

**Appearance:** Yellow powder  
**Purity(HPLC,%):** 99.00% min  
**Melting Point (°C) :** ca. 184.0°C-187.0°C  
**Loss on Drying:** 0.50% Max

#### Section 10 - Stability and Reactivity

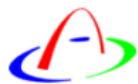
**Stability:** Stable under proper conditions.  
**Reactivity:** No special reactivity has been reported.  
**Incompatible materials:** oxidizing agents  
**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)

#### Section 11 - Toxicological Information

**Acute Toxicity:** The product is not classified in toxic and infectious substances.  
**Skin corrosion/irritation:** The product is not classified in corrosives..  
**Serious eye damage/irritation:** No data available  
**Germ cell mutagenicity:** No data available  
**Carcinogenicity:**  
    **IARC =** No data available  
    **NTP =** No data available  
**Reproductive toxicity:** No data available

#### Section 12 - Ecological Information

**Ecotoxicity:**  
    **Fish:** No data available  
    **Crustacea:** No data available  
    **Algae:** No data available  
**Persistence / degradability:** No data available  
**Bioaccumulative potential(BCF):** No data available  
**Mobility in soil**  
    **log Pow:** No data available  
    **Soil adsorption (Koc):** No data available  
    **Henry's Law constant(PaM3/mol):** No data available



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### Section 13 - Disposal Considerations

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system.

Observe all federal, state and local regulations when disposing of the substance.

### Section 14 - Transport Information

**IMDG/IMO:** Not regulated.

**ADR:** Not regulated.

**IATA:** Not regulated.

### Section 15 - Regulatory Information

**Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002):** Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

### Section 16 - Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damage of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if the company has been advised of the possibility of such damages.

**Provider**

**Name:** ALLUCID, INC.

**Address:** 1-1, Bengong 5th Rd., Gangshan Kaohsiung, Taiwan82059

**TEL:** +886-7-624-3737      **FAX:** +886-7-624-3736

**Person :** J. F. Chung, Quality and Safety Assurance Engineer

**Date :** July 24, 2015