

Allucid, inc.

1-1, Bengong 5th Rd., Gangshan, Kaohsiung, Taiwan 82059
Tel: +886-7-624-3737 <http://www.allucid.com>

Safety Data Sheet TR-HABI

1. Product Identification

Trade name: TR-HABI

Suggested use: Photoinitiator

Restriction: Do not use in food

Chemical Name: 2,2',4-tris(2-chloro-phenyl)-5-(3,4-dimethoxyphenyl)-4',5'-diphenyl-1,1'-biimidazole

CAS No. : 100486-97-3

Molecular Weight: 753.5

Chemical Formula: C₄₄H₃₁N₄O₂Cl₃

Name of Manufacturer/Supplier: 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

2. Hazards Identification

Data Not Available

3. Composition /Information on Ingredients

Ingredient	CAS NO.	Percent	Hazardous
2,2',4-tris(2-chloro-phenyl)-5-(3,4-dimethoxyphenyl)-4',5'-diphenyl-1,1'-biimidazole	100486-97-3	>98	

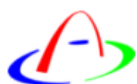
4. First Aid Measures

Immediately flush eyes with plenty of water for at least 20 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention if irritation persists, or symptoms of overexposure become apparent. Immediately wash skin with plenty of water for at least 20 minutes, while removing persists, or symptoms of overexposure become apparent.

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Keep warm. Get immediate medical attention.

If Swallowed, call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting unless instructed by medical personnel. Get medical attention.

5. Fire Fighting Measures



Use dry powder or carbon dioxide when fighting a fire involving this material, water extinguisher are not recommended.

As in any fire, Wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Use proper personal protective equipment as listed in section 8.

Clean up spills immediately, observing precautions in the protective Equipment section.

Sweep up, then place into a suitable container for disposal.

Refer to section 13 for disposal requirements.

Do not allow material to enter drains or streams.

7. Handling and Storage

Store in dry, cool, Well-ventilated area(5-32°C is recommend).

Close container when not in use.

Mechanical ventilation is recommended.

Local exhaust is needed at source of dust.

8. Exposure Controls/Personal Protection

Respiratory: Do not breathe dust.

Eye: Chemical goggles or safety goggles safety glasses.

Hands: Wear suitable gloves resistant to chemical penetration.

Other: If skin contact or contamination of clothing is likely, protective

Clothing should be worn.

Exposure Limits: Not established.

9. Physical and Chemical Properties

Appearance: Light yellowish powder

Purity(HPLC): 98% min

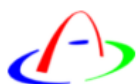
Melting Point: 131.0 – 135.0°C

Loss on drying: 0.70% max

Insoluble in Toluene: 0.01% max

10. Stability and Reactivity

Stability: Stable Under Normal Conditions of Use.



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Hazardous Polymerization: Will not Occur.

Materials/Conditions to avoid: Avoid strong oxidizing agents. Avoid high temperature.

Unusual Fire and Explosion Hazards: None Known.

11. Toxicological Information

Caution: Substance not yet fully tested.

Not expected to be acutely toxic.

Not expected to be an irritant.

Ingestion: Symptoms of overexposure include dizziness, nausea and gastrointestinal irritation.

Chronic Effects of Overexposure: None

12. Ecological Information

Data not yet available.

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations.

14. Transport Information

Not afire.

15. Regulatory Information

RCRA status: Not a hazardous waster under RCRA

CERCLA status: Not listed.

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

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

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