

MATERIAL SAFETY DATA SHEET

Preliminary
Data prepared 12.03.2016

Identification

Product name: **Photo-Initiator PH-2**
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1. Product Identification

Photo-Initiator PH-2

The exact molecular formula is a trade secret (BenzoPhenone type).

2. Composition

Ingredient	Percent	Hazardous
Photo-initiator PH-2	> 95	No

3. Hazards Identification

Use with local exhaust ventilation.

Wear protective clothing.

Allowed use: additive for plastics.

Primary routes of exposure – Routes of entry solids and liquids include eye and skin contacts, ingestion and inhalation.

4. First Aid

Skin contact: immediately flush contact area with soap and a lot of water.

Remove contaminated clothes.

Eye contact: rinse eyes immediately with water for at least 15 minutes.

Inhalation: Move injured person to fresh air location. If breathing is difficult, call a physician.

Ingestion: injured person should drink a glass of water. Call a physician.

5. Firefighting Measures

Flash point: ND

Upper explosive limit: ND

Extinguishing means: water, carbon dioxide, dry chemical powder.

6. Accidental Release Measures

Clean-up personnel should wear protective clothing and respiratory anti-dust protective device.

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Spills: sweep up area and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. Handling and Storage

Store in the original container at room temperature of a cool dry place.

Closed containers should be opened in well ventilated areas.

Avoid dust formation.

Take precautionary measures against static discharges.

8. Personal Protection

Eye protection: safety glasses.

Hand protection: solvent resistant gloves.

Keep away from food and drinks.

9. Physical and Chemical Data

Form: white powder.

Odor: odorless.

Melting point: 48C – 52C.

Decomposition point: 260C.

Flash point: ND.

Soluble in hexane, xylene.

Solubility in water: insoluble.

10. Stability and Reactivity.

Stable under ordinary conditions of use and storage. No hazardous decomposition products if stored and handled as prescribed.

Heat and sunlight can contribute to instability.

Hazardous decomposition products: carbon dioxide.

Conditions to avoid: heat, flames, ignition sources.

11. Toxicological Information

LD 50 (rat) > 5000 mg/kg

Skin irritation: nonirritant.

Eye irritation: nonirritant.

12. Ecological Information

Poor biodegradation.

The product is not soluble in water and can be removed from water mechanically.

Environmental fate: no information found.

Environmental toxicity: no information found.

13. Disposal Considerations

Dispose of according to local and national regulations.

14. Transport Information

Not classified as dangerous goods according to sea and air transport regulations.

15. Regulatory Information

International regulations:

Chemical weapon convention (CWC): this product does not contain any Component(s) listed under the Chemical Weapon Convention Schedule of Chemicals.

OSHA hazard category: not hazardous.

SARA hazard categories: not hazardous.

16. Other Information

HMIS III rating:

Health: 1

Flammability: 1

Physical hazard: 0

Disclaimer

The information provided in this MSDS was obtained from reliable sources.

Supplier promises no warranty, either expressed or implied, regarding the merchantability or suitability thereof for any purpose, with the exception of promising that the product shall conformed to contracted specifications.

The conditions of transportation, handling, storage, use and disposal are beyond the supplier's control and responsibility.