



Material data safety table

NO:VL -2080

N,N,N',N'-tetraethyl-4,4'-diaminobenzophenone

1. Identification of substances / preparation and company

product name: Photoinitiator emk

Chemical identification: N,N,N',N'-Tetraethyl-4,4'-diaminobenzophenone

Cas number: 90-93-7

Used for: UV hardening ink, dry film, etc.

2. Risk overview

Main hazards: No major danger

3. First aid measures

skin contact:: May have slight discomfort at the point of contact

eye contact: May have irritation, redness and swelling

Ingestion: It may be that the throat is inflamed

Inhalation: There may be a sore throat and a nervous chest feeling

4. First aid measures (action)

skin contact:: Should be washed immediately with soap and water

eye contact:: Bathing and running for 15 minutes, water eyes

Ingestion: Immediately flush the mouth with plenty of water and keep the patient awake and immediately send a medical emergency

Inhalation: Immediately move the inhaler to fresh air. If there is a suffocation after inhalation, immediately apply artificial respiration. If breathing is difficult, immediately apply oxygen. If necessary, send medical examination and treatment if necessary.

5. Fire-fighting measures

Extinguishing agent: Spray water carbon dioxide dry powder and chemical foam

Risk of exposure: Carbon monoxide toxic fumes emitted during combustion

Fire fighter: Wear full set of fire-fighting protective clothing with a breathing apparatus
General chemical procedures for extinguishing

6. Environmental protection measures



Environmental protection measures:

Do not discharge into drains or rivers. Contains leaks using embankments

Cleaning procedure:

Remove the leaked contaminated area and put it into a suitable container.
Dispose of in a proper waste disposal procedure to avoid dust generation.
Rinse the leaking area with water and keep it well ventilated.

7. Handling and storage

Processing requirements:

Avoid dust formation or diffusion in the air

Storage conditions:

Shady, well-ventilated local store

Suitable packaging:

Must only be saved in the original packaging

8. Contact control / personal protection

Engineering measures:

Ensure adequate ventilation area

Respiratory protection:

Beard system protection

Hand protection:

protective gloves

Eye protection:

Safety glasses

Skin protection:

Ensure safe shower

9. Physical and chemical properties

status:

powder

colour:

Light yellow to yellow green crystal

Melting point / range (°C):

92°C min.

10. Stability and reactivity

stability:

Stable under normal conditions

Conditions to avoid:

heat. Direct sunlight

To avoid material:

Strong oxidants. strong acid

product:

Combustion of toxic gases

11. Toxicological information

Exposure route:

Refer to the exposed symptoms, route and corresponding strategic deployment storage 4

12. Ecological information

Persistence and degradation:

Biodegradable

Bioaccumulation potential:

Abalone bioaccumulation potential

Other adverse effects:

Neglected toxicity



13. Disposal

- Disposal work:** Dissolve or mix waste in a combustible solvent according to local environmental regulations
Burning in a chemical incinerator with an exhaust gas recovery tower
- Note:** Possible regulations for the region or country where the user's attention
About disposal

14. Shipping information

- UN number:** UN 3077
- International transportation regulations:** The ninth category of dangerous goods (environmental pollution dangerous goods)
1. Article 84 of the Road Traffic Safety Rules
2. Implementation Rules for the Loading and Unloading of Railway Dangerous Goods
- Domestic shipping regulations:** Goods
- Special shipping methods and precautions:--** --

15. Regulatory information

Applicable regulations:

- Hazardous and Hazardous General Rules
- Toxic chemical safety rules
- Specific chemical hazard prevention standards
- Road traffic safety rules
- Permissible concentration standards for hazardous substances in the air of labor operations
- Business waste storage and disposal methods and facilities standards

16. Other information

- references** The Dictionary of Substance and Their Effect (The Royal Society of Chemistry 1994)
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- Prepare Note** The symbol "one" in the above data means that there is no relevant data at present, and the symbol " / " means that this field is not applicable to the substance.