

Specification Data Sheet

1. SUBSTANCE/PREPARTION AND COMPANY

Chemical categories: Benzimidazolone

Company: guangzhou yulong chem. company

Emergency information : Address, District of Guangzhou City, Xinhua Tian Mei Industrial Zone

Tel:020-86303126

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2.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Benzimidazolone

Chemical formula : $C_{32}H_{24}Cl_2N_8O_2$

C.I.NO.21110,PIGMENT Orange 13

C.A.S .NO. 3520-72-7

3.HAZARD IDENTIFICATIONE

Critical hazards to man and the environment :None

4.FTRST-AID MEASURES

General advice:Remove contaminated cloting .

If inhaled :Keep patien calm ,remove to fresh air and treat syptomaically.

On skin contact :Wash with soap and water ,if symptoms occur ,consult physician.

On contact with eys :Wash affected eyes for at least 15 minutes under running water with eyelids held open ,onsult an eye specialist.

On ingstion rinse month and then drink plenty of water.

5.FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray ,dry extinguishing media ,foam.

Extinguishing media which must not be used for safety reasons

High volume water jet

Exposure hazards

Contaminated water and soil must be diposed of conform to local regulations .Sufficient measures must be taken to rtetain waer used for extinguishing .

Special protective equipment for firefighters

Wear full and thick protective clothing .wear self-contained breathing apparatus.

Hazardous decomposition products

Oxides of carbon ,toxic gases/vapours

6.ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not breathe dust.

Environmental precautions: Do not let product enter drains. Avoid dust formation.

Method for cleaning up: Contain With dust binding material and dispose.

7. HANDLING AND STORAGE

Handling: Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

Take precautionary measures against static discharges.

Storage: Keep tightly closed in a dry, cool and well ventilated place. Direct sources of heat must be avoided and open containers must be allowed to stand over extended periods of time. Position containers so that any labeling information on the containers is visible.

Caution: Keep this product well sealed. Keep in cool, dry place. Close containers immediately after use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information on the layout of technical plant (See 7).

Personal protective equipment

Technical measures/precautions

No special precautions required.

Respiratory protection: Do not breathe dust

Eye protection: Goggles

General safety and hygiene measures:

The usual precautions for the handling of chemicals must be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: dry powder

Colour: Red-light Orange

Odour: odourless

Change in physical range: >400°C

Flash point: N/A. High Melting Material

Explosion hazard: any organic compound, dust explosion hazard.

Vapour pressure: N/A

Average particle size:

Solubility in water: insoluble

Solubility in other solvent: N/A

pH value: N.D.A

10. STABILITY AND REACTION

Stability: stable

Conditions to avoid: Against moisture

Incompatibility: Strong oxidizing agent

Hazardous decomposition products: When involved in a fire, burning organic pigments may evolve noxious fumes which may include carbon monoxide, nitrous oxides, or other toxic compounds, depending on the pigments type

Hazardous Polymerization: Will not occur

Conditions to avoid: None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Acute oral LD50 value of 10000mg/kg or greater in rats

Sensitizing: No data available

12. ECOLOGICAL INFORMATION

Elimination information: the products is not very soluble in water and can thus be virtually removed from water mechanically in suitable effluent treatment plants.

13. DISPOSAL CONSIDERATION

Product: Must be made in accordance with Federal State and local regulations.

Contaminated packaging: Uncontaminated packs can be re-used. Packs that can not be cleaned should be disposed of in the same manner as the contents.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION

Labeling according to EEC directives

Not subject to labelling

National legislation/regulations

Water hazard class: generally non water hazardous

16. OTHER INFORMATION

N/A =not application

N.D.A=no data available

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our product must take responsibility for observing laws and regulations



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