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PYRONINE G

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION:

Synonyms: (C.I. 45005) for microscopy Certistain

CAS No.: 92-32-0

Molecular Weight: 302.8

Chemical Formula: C₁₇H₁₉ClN₂O

2. COMPOSITION, INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Pyronine G	93-32-0		

3. HAZARDS IDENTIFICATION:

No hazardous product as specified in Directive 67/548/EEC.

4. FIRST AID MEASURES:

After inhalation: fresh air.

After skin contact: wash off under running water.

After eye contact: rinse out with water.

After swallowing (large amounts): consult doctor if feeling unwell.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing media: Powder, foam.

Special risks: Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire: hydrochloric acid, nitrogen oxides.

Special protective equipment for fire fighting: Do not stay in dangerous zone without self-contained breathing apparatus.

Other information:

Prevent fire-fighting water from entering surface water or groundwater.

6. ACCIDENTAL RELEASE MEASURES:

Person-related precautionary measures: Avoid inhalation of dusts.

Environmental-protection measures: Do not allow to enter sewerage system.

Procedures for cleaning / absorption: Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

7. HANDLING AND STORAGE:

Handling: No further requirements.

Storage: Tightly closed. Dry. At +15°C to +25°C.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: required when dusts are generated.

Eye protection: required

Hand protection: In full contact:

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form: crystals

Colour: green

Odour:

pH value not available

Melting point 250-260 °C

Boiling point not available

Ignition temperature not available

Flash point not available

Explosion limits lower not available

upper not available

Vapour pressure low

Density not available

Solubility in water soluble

10. STABILITY AND REACTIVITY:

Conditions to be avoided

no information available

Substances to be avoided

strong oxidizing agents.

Hazardous decomposition products

in the event of fire: See chapter 5.

11. TOXICOLOGICAL INFORMATION:

Acute toxicity

Quantitative data on the toxicity of this product are not available.

Further toxicological information

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Further data

The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION:

Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

Do not allow to enter waters, waste water, or soil!

13. DISPOSAL CONSIDERATIONS:

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. TRANSPORT INFORMATION:

Not subject to transport regulations.

15. REGULATORY INFORMATION:

Labelling according to EC Directives

Symbol: -----

R-phrases: -----

S-phrases: -----

16. DISCLAIMER INFORMATION:

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